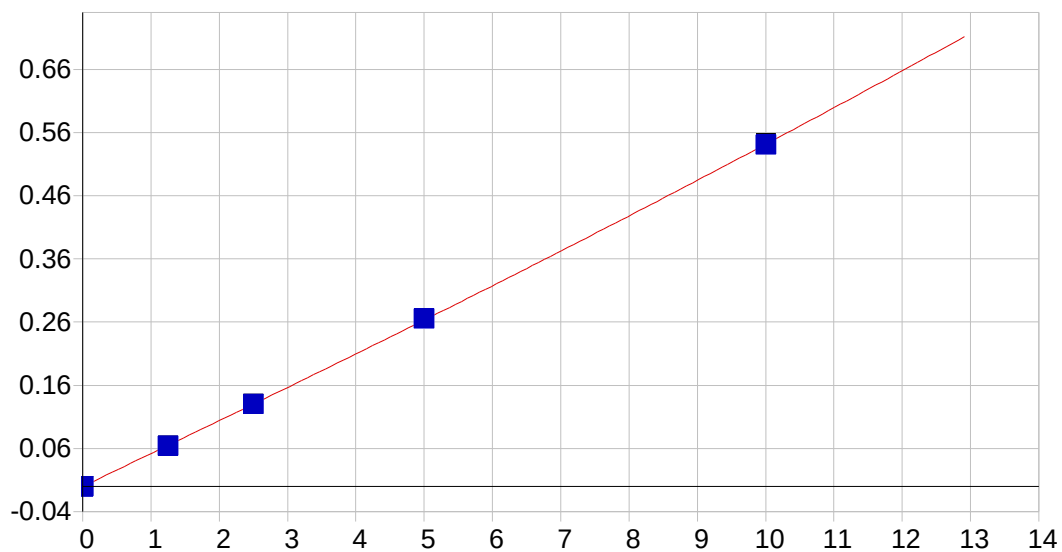




As 189.042 {479}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000683

Re-Slope: 1.000000

A1 (Gain): 0.052153

Y-int: 0.000000

A2 (Curvature): 0.000483

n (Exponent): 0.980000

Correlation: 0.999964

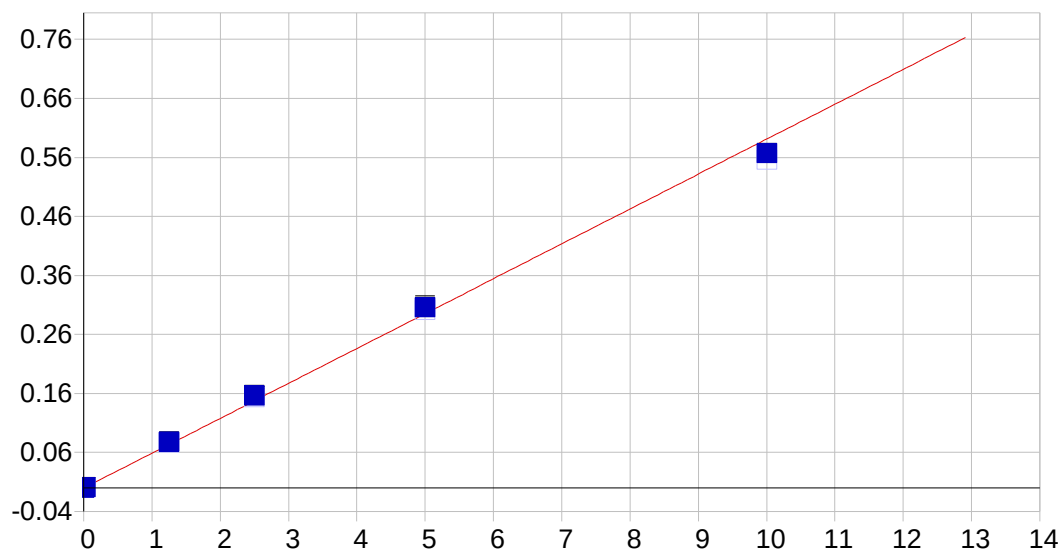
Status: Warning Positive Curvature

Std Error of Est: 0.000011

Predicted MDL: 0.004604

Predicted MQL: 0.015347

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00068	.000	1
S1	.01000	.01262	.003	26.2	.00004	.000	1
S2	1.2500	1.2304	-.020	-1.57	.06393	.000	1
S3	2.5000	2.4940	-.006	-.241	.12989	.001	1
S4	5.0000	5.0371	.037	.742	.26508	.001	1
S5	10.000	9.9860	-.014	-.140	.54050	.002	1

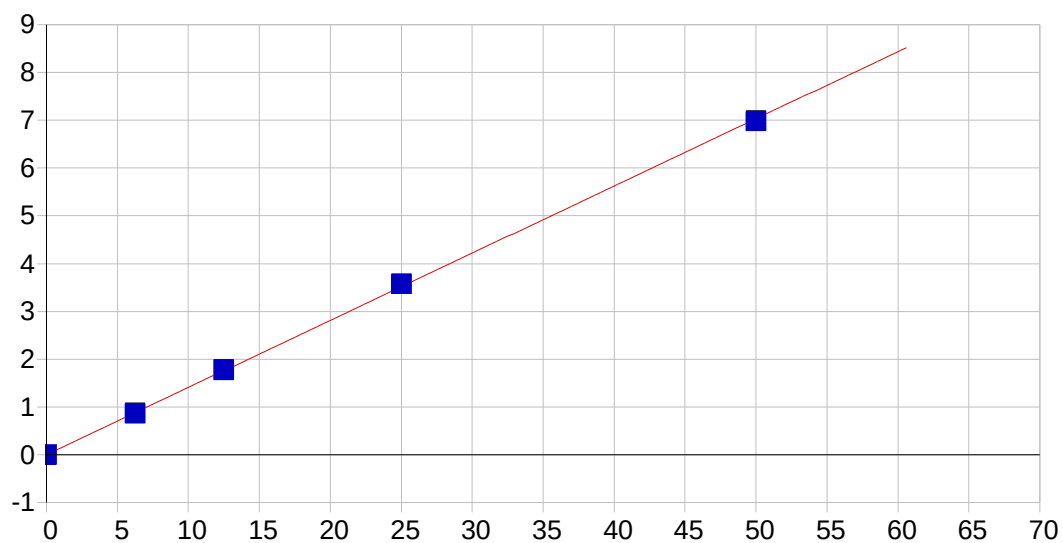


TI 190.856 {477}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000389 Re-Slope: 1.000000
 A1 (Gain): 0.059137 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998981 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.002522
 Predicted MQL: 0.008407

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.02500	.02713	.002	8.53	.00109	.000	1
S2	1.2500	1.3210	.071	5.68	.07639	.000	1
S3	2.5000	2.6523	.152	6.09	.15378	.001	1
S4	5.0000	5.1834	.183	3.67	.30077	.002	1
S5	10.000	9.5912	-.409	-4.09	.55606	.001	1



Pb 220.353 {453}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000311

Re-Slope: 1.000000

A1 (Gain): 0.140611

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999943

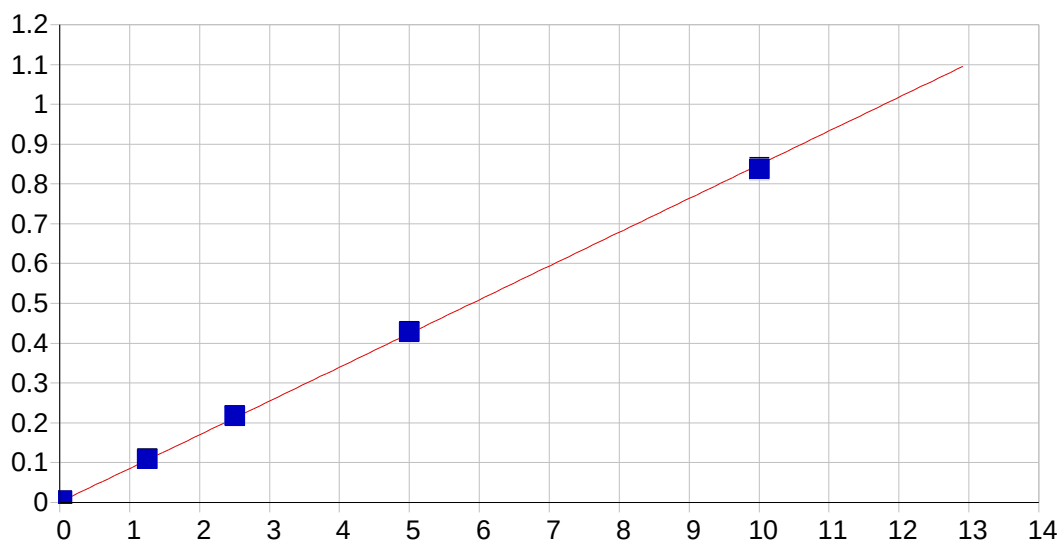
Status: OK.

Std Error of Est: 0.000056

Predicted MDL: 0.002026

Predicted MQL: 0.006755

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01000	.01018	.000	1.76	.00112	.000	1
S2	6.2500	6.1511	-.099	-1.58	.86485	.002	1
S3	12.500	12.577	.077	.614	1.7686	.007	1
S4	25.000	25.385	.385	1.54	3.5701	.003	1
S5	50.000	49.637	-.363	-.726	6.9812	.006	1

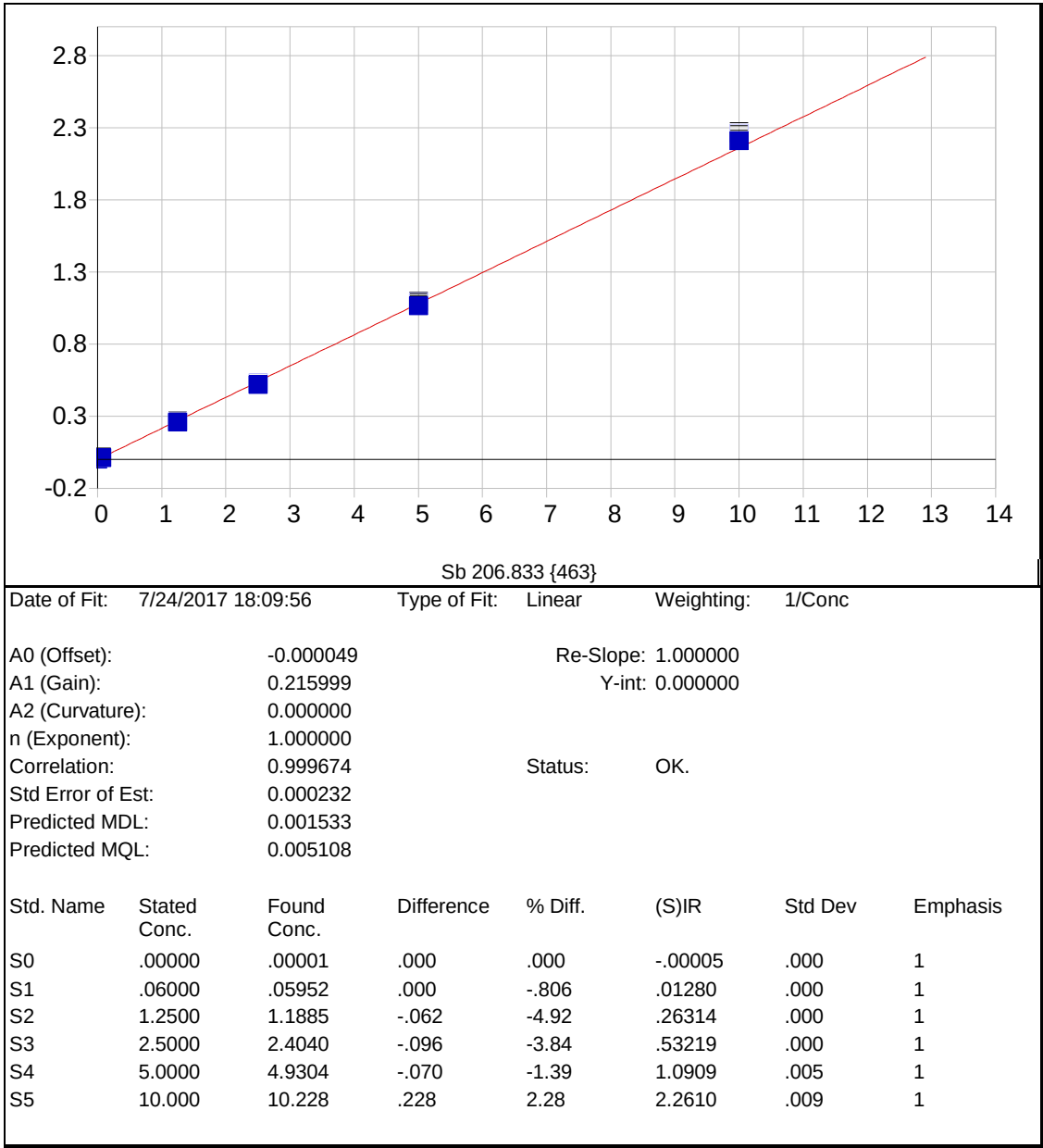


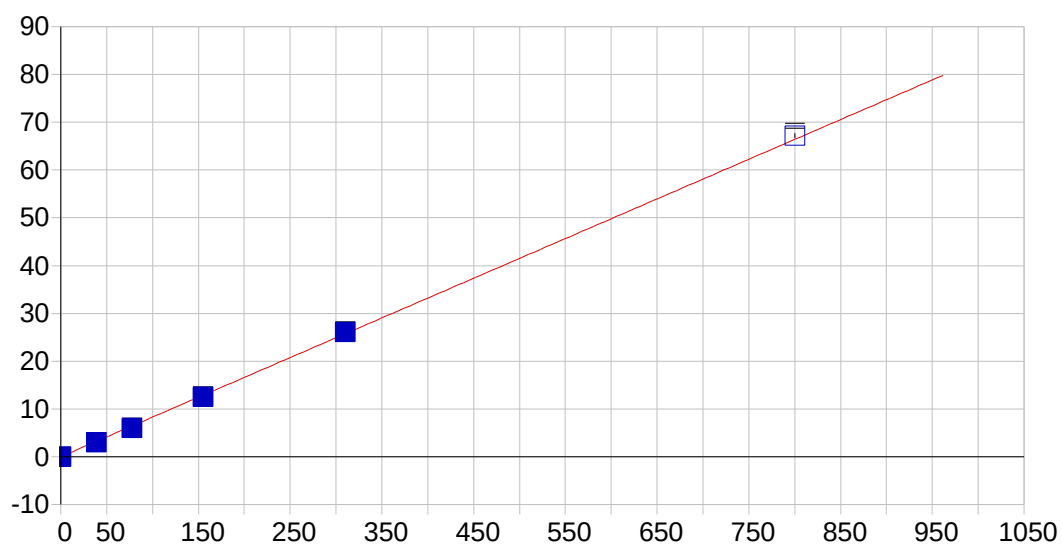
Se 196.090 {472}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000723 Re-Slope: 1.000000
 A1 (Gain): 0.084745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.003200
 Predicted MQL: 0.010665

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.03500	.03511	.000	.323	.00370	.000	1
S2	1.2500	1.2744	.024	1.95	.10833	.001	1
S3	2.5000	2.5539	.054	2.16	.21637	.001	1
S4	5.0000	5.0533	.053	1.07	.42740	.001	1
S5	10.000	9.8683	-.132	-1.32	.83388	.004	1





AI 396.152 { 85}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000250

Re-Slope: 1.000000

A1 (Gain): 0.083022

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999683

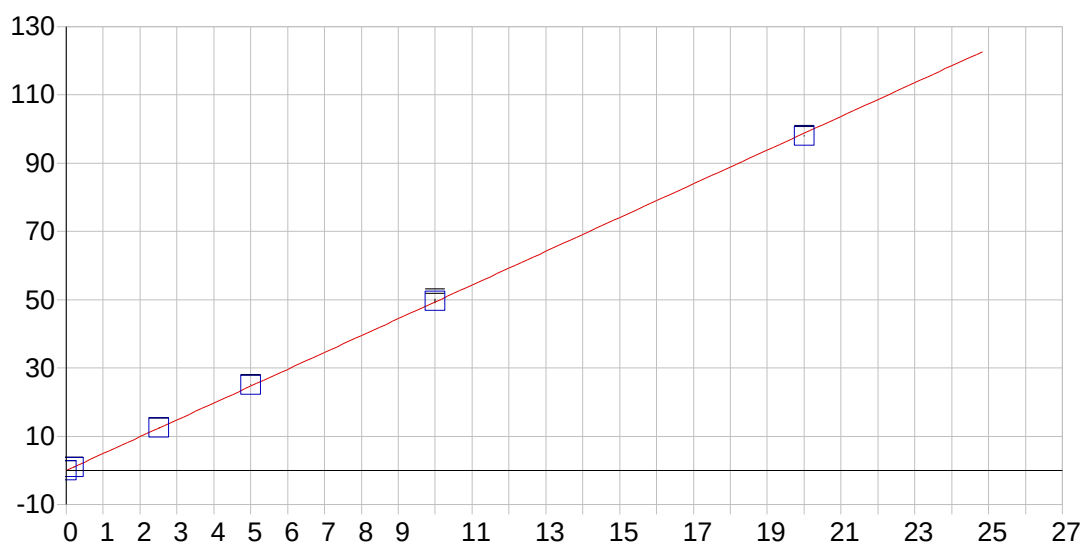
Status: OK.

Std Error of Est: 0.001299

Predicted MDL: 0.004895

Predicted MQL: 0.016316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00025	.001	1
S1	.20000	.18977	-.010	-5.11	.01604	.000	1
S2	38.750	35.547	-3.20	-8.27	2.9552	.013	1
S3	77.500	72.456	-5.04	-6.51	6.0234	.020	1
S4	155.00	150.45	-4.55	-2.94	12.506	.134	1
S5	310.00	313.32	3.32	1.07	26.044	.067	1
S6	800.00	809.50	9.50	1.19	67.206	.477	1



Ba 493.409 { 68}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.029210

Re-Slope: 1.000000

A1 (Gain): 4.940081

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999940

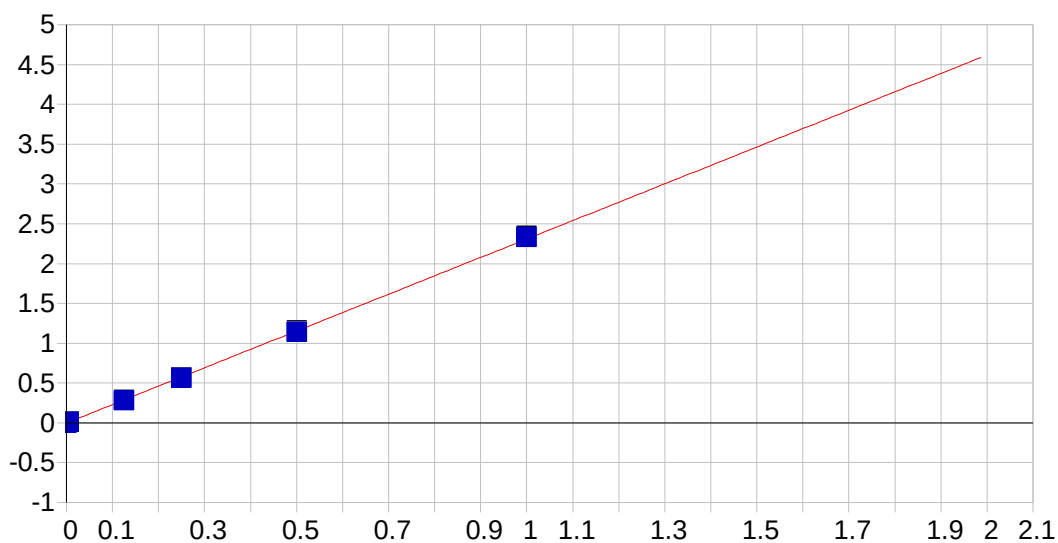
Status: OK.

Std Error of Est: 0.005763

Predicted MDL: 0.000220

Predicted MQL: 0.000735

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.02917	.001	1
S1	.20000	.18694	-.013	-6.53	.89431	.002	1
S2	2.5000	2.5356	.036	1.42	12.497	.065	1
S3	5.0000	5.0908	.091	1.82	25.120	.091	1
S4	10.000	10.048	.048	.481	49.609	.620	1
S5	20.000	19.839	-.161	-.807	97.975	.169	1

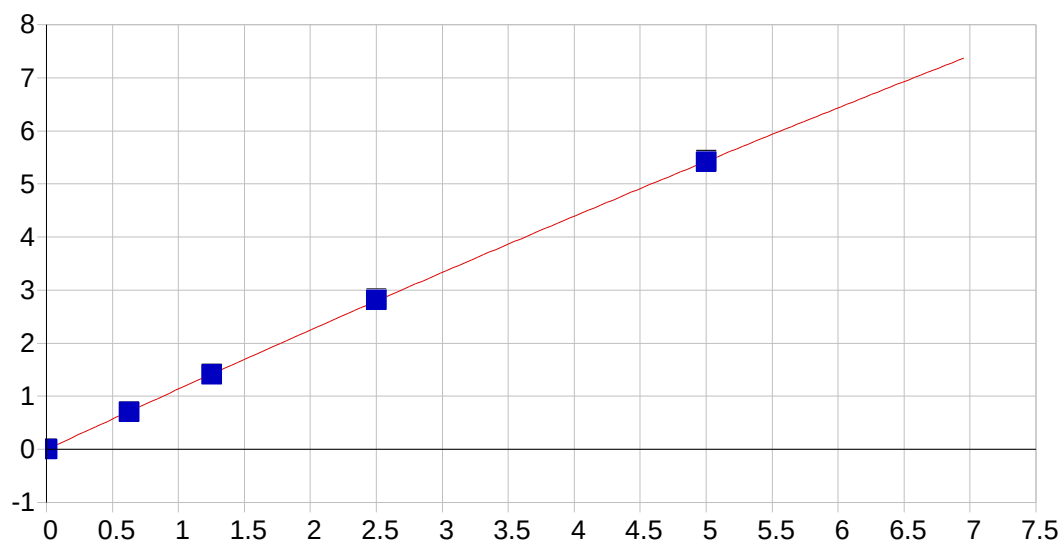


Be 234.861 {144}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001393 Re-Slope: 1.000000
 A1 (Gain): 2.310032 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.000103
 Predicted MQL: 0.000343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00139	.000	1
S1	.00500	.00472	.000	-5.67	.00950	.000	1
S2	.12500	.12335	-.002	-1.32	.28258	.001	1
S3	.25000	.24549	-.005	-1.80	.56376	.002	1
S4	.50000	.49626	-.004	-.749	1.1411	.013	1
S5	1.0000	1.0102	.010	1.02	2.3244	.017	1



Cd 214.438 {457}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000819

Re-Slope: 1.000000

A1 (Gain): 1.150198

Y-int: 0.000000

A2 (Curvature): -0.012965

n (Exponent): 1.000000

Correlation: 0.999978

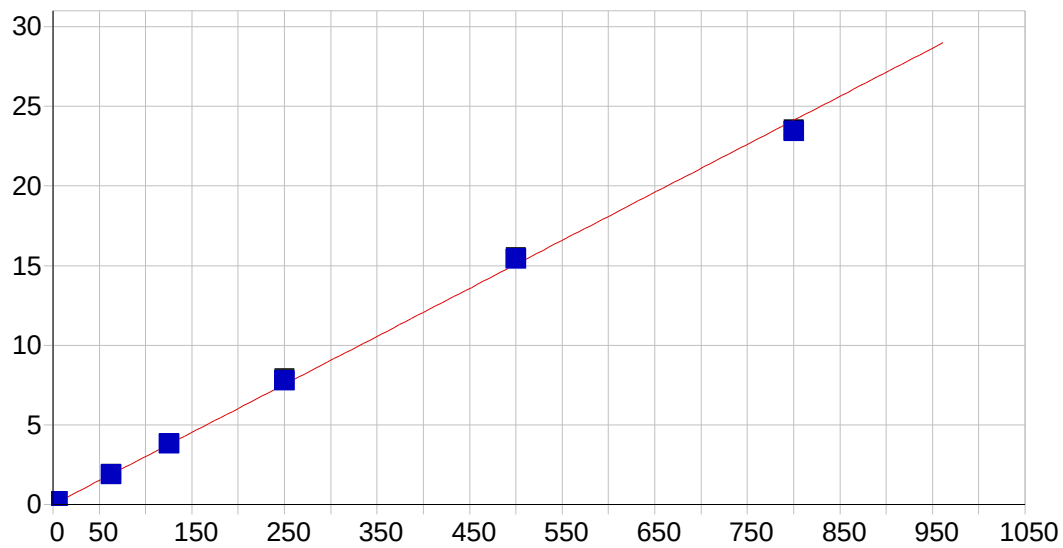
Status: OK.

Std Error of Est: 0.000071

Predicted MDL: 0.000184

Predicted MQL: 0.000614

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.00500	.00554	.001	10.7	.00555	.000	1
S2	.62500	.61608	-.009	-1.43	.70456	.004	1
S3	1.2500	1.2457	-.004	-.347	1.4152	.007	1
S4	2.5000	2.5219	.022	.876	2.8242	.011	1
S5	5.0000	4.9908	-.009	-.184	5.4302	.016	1



Ca 373.690 { 90}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000867

Re-Slope: 1.000000

A1 (Gain): 0.030152

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999663

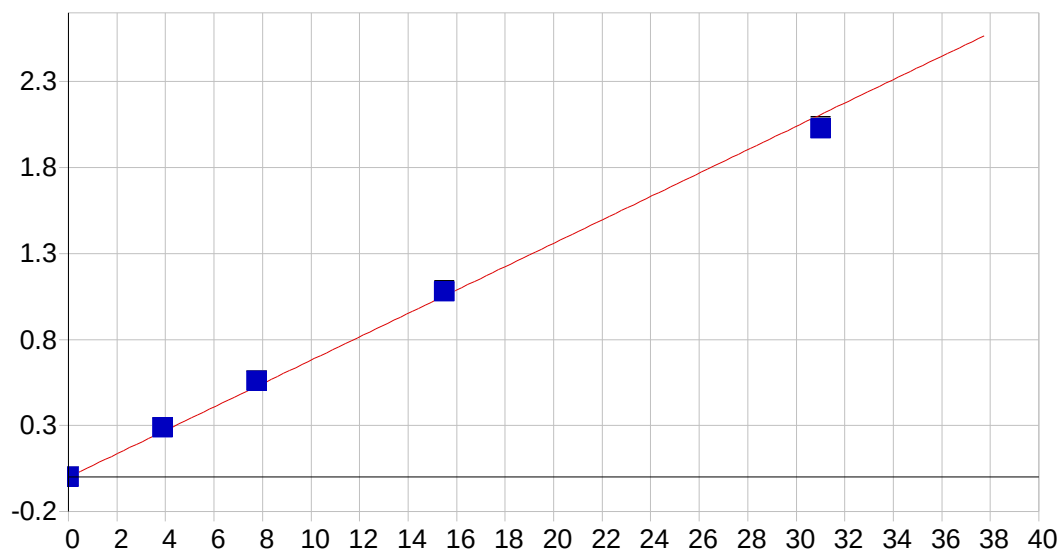
Status: OK.

Std Error of Est: 0.002727

Predicted MDL: 0.013020

Predicted MQL: 0.043401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00042	.000	.000	.00085	.000	1
S1	5.0000	5.1694	.169	3.39	.15673	.001	1
S2	62.500	63.180	.680	1.09	1.9036	.005	1
S3	125.00	126.59	1.59	1.27	3.8131	.009	1
S4	250.00	257.92	7.92	3.17	7.7687	.104	1
S5	500.00	511.72	11.7	2.34	15.412	.058	1
S6	800.00	777.90	-22.1	-2.76	23.407	.068	1

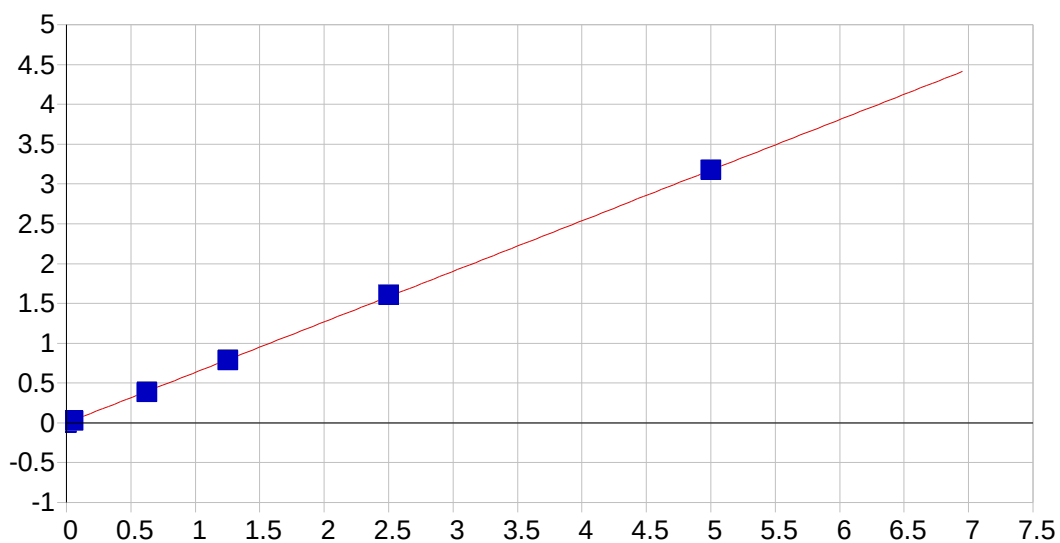


Cr 267.716 {126}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.067988 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998976 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000745
 Predicted MQL: 0.002482

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01270	.003	27.0	.00085	.000	1
S2	3.8750	4.2400	.365	9.42	.28893	.001	1
S3	7.7500	8.2290	.479	6.18	.56081	.001	1
S4	15.500	15.858	.358	2.31	1.0809	.005	1
S5	31.000	29.795	-1.21	-3.89	2.0311	.010	1

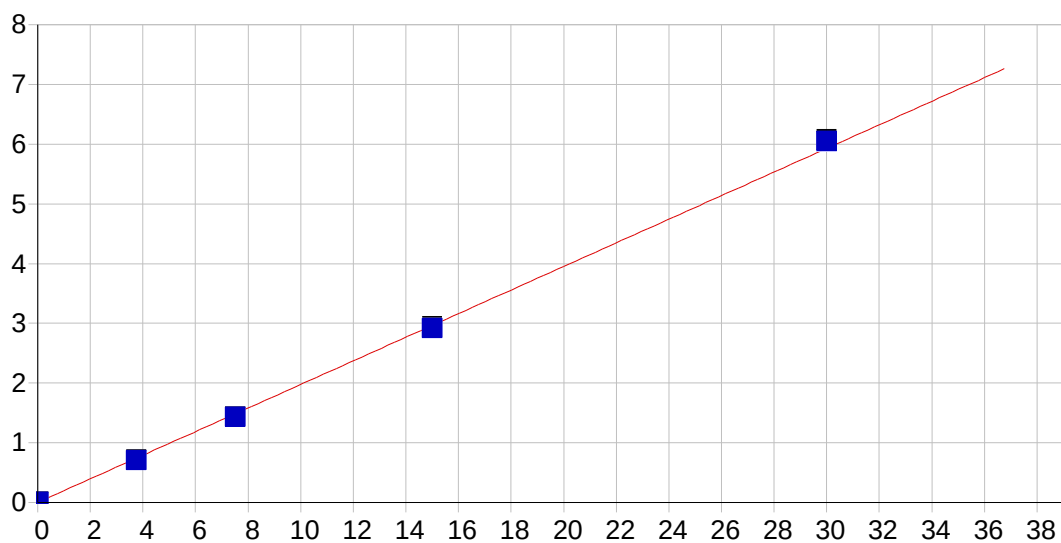


Co 228.616 {448}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000486 Re-Slope: 1.000000
 A1 (Gain): 0.634592 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.000306
 Predicted MQL: 0.001021

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00048	.000	1
S1	.05000	.04401	-.006	-12.0	.02756	.000	1
S2	.62500	.60781	-.017	-2.75	.38605	.001	1
S3	1.2500	1.2411	-.009	-.710	.78878	.003	1
S4	2.5000	2.5315	.031	1.26	1.6093	.002	1
S5	5.0000	5.0006	.001	.012	3.1795	.004	1



Cu 324.754 {104}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000740

Re-Slope: 1.000000

A1 (Gain): 0.197574

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999712

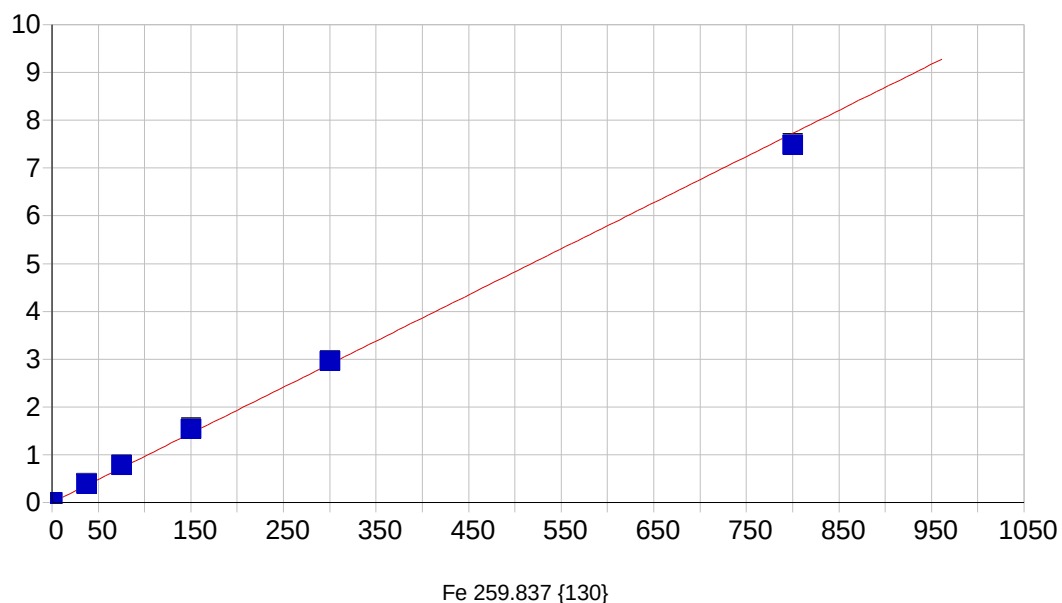
Status: OK.

Std Error of Est: 0.000217

Predicted MDL: 0.001277

Predicted MQL: 0.004257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00074	.000	1
S1	.02500	.02587	.001	3.49	.00582	.000	1
S2	3.7500	3.5832	-.167	-4.45	.70658	.003	1
S3	7.5000	7.2570	-.243	-3.24	1.4303	.006	1
S4	15.000	14.772	-.228	-1.52	2.9109	.027	1
S5	30.000	30.637	.637	2.12	6.0368	.025	1



Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000120

Re-Slope: 1.000000

A1 (Gain): 0.009653

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999172

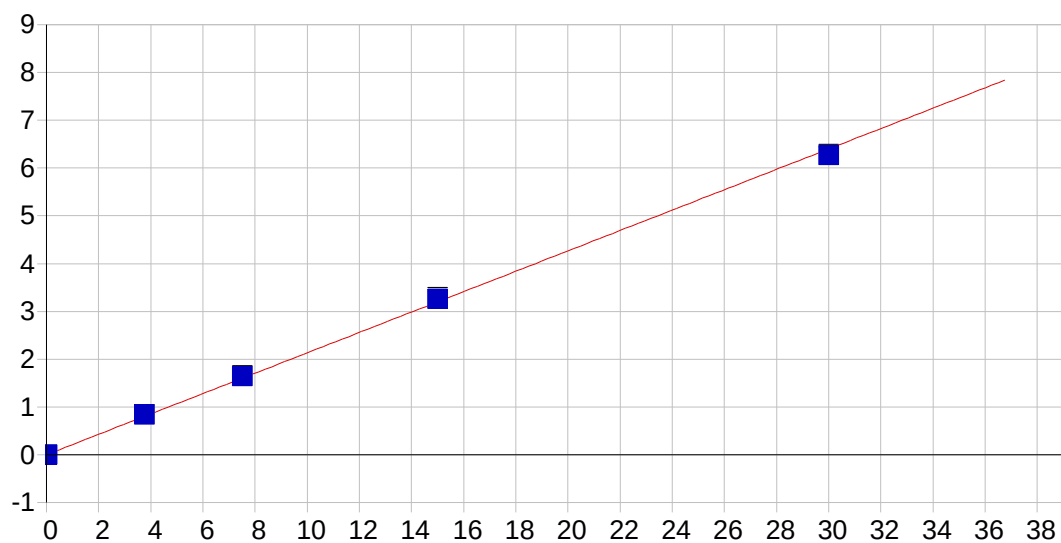
Status: OK.

Std Error of Est: 0.000172

Predicted MDL: 0.014079

Predicted MQL: 0.046929

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00012	.000	1
S1	.10000	.11408	.014	14.1	.00123	.000	1
S2	37.500	40.972	3.47	9.26	.39605	.001	1
S3	75.000	80.638	5.64	7.52	.77939	.002	1
S4	150.00	159.35	9.35	6.24	1.5401	.018	1
S5	300.00	306.60	6.60	2.20	2.9632	.006	1
S6	800.00	774.91	-25.1	-3.14	7.4843	.023	1



Mn 257.610 {131}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000027

Re-Slope: 1.000000

A1 (Gain): 0.213300

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999737

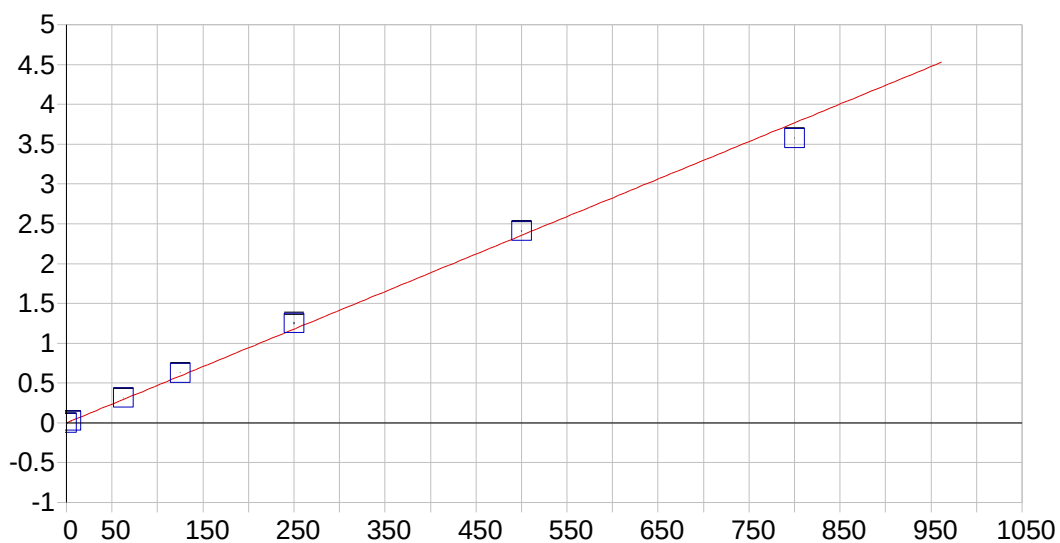
Status: OK.

Std Error of Est: 0.000174

Predicted MDL: 0.000720

Predicted MQL: 0.002398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01500	.01610	.001	7.34	.00341	.000	1
S2	3.7500	3.9094	.159	4.25	.83403	.002	1
S3	7.5000	7.7052	.205	2.74	1.6438	.003	1
S4	15.000	15.255	.255	1.70	3.2545	.043	1
S5	30.000	29.380	-.620	-2.07	6.2681	.018	1

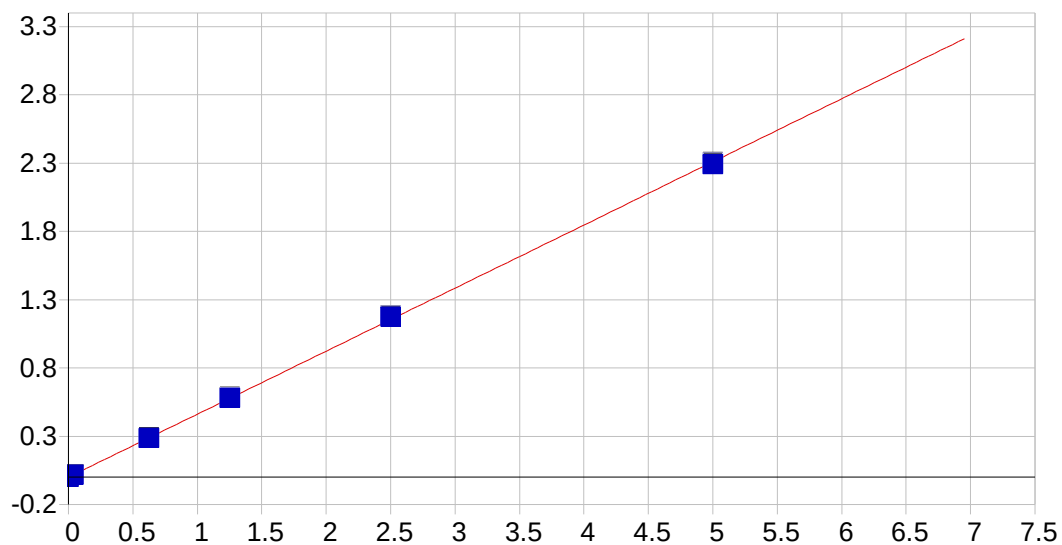


Mg 279.079 {121}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.004709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998805 Status: OK.
 Std Error of Est: 0.000804
 Predicted MDL: 0.032937
 Predicted MQL: 0.109790

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00120	-.001	.000	-.00015	.000	1
S1	5.0000	5.3678	.368	7.36	.02513	.000	1
S2	62.500	66.438	3.94	6.30	.31274	.002	1
S3	125.00	133.32	8.32	6.66	.62773	.002	1
S4	250.00	265.97	16.0	6.39	1.2524	.014	1
S5	500.00	511.81	11.8	2.36	2.4102	.005	1
S6	800.00	759.59	-40.4	-5.05	3.5771	.006	1



Ni 231.604 {446}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000323

Re-Slope: 1.000000

A1 (Gain): 0.461922

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999921

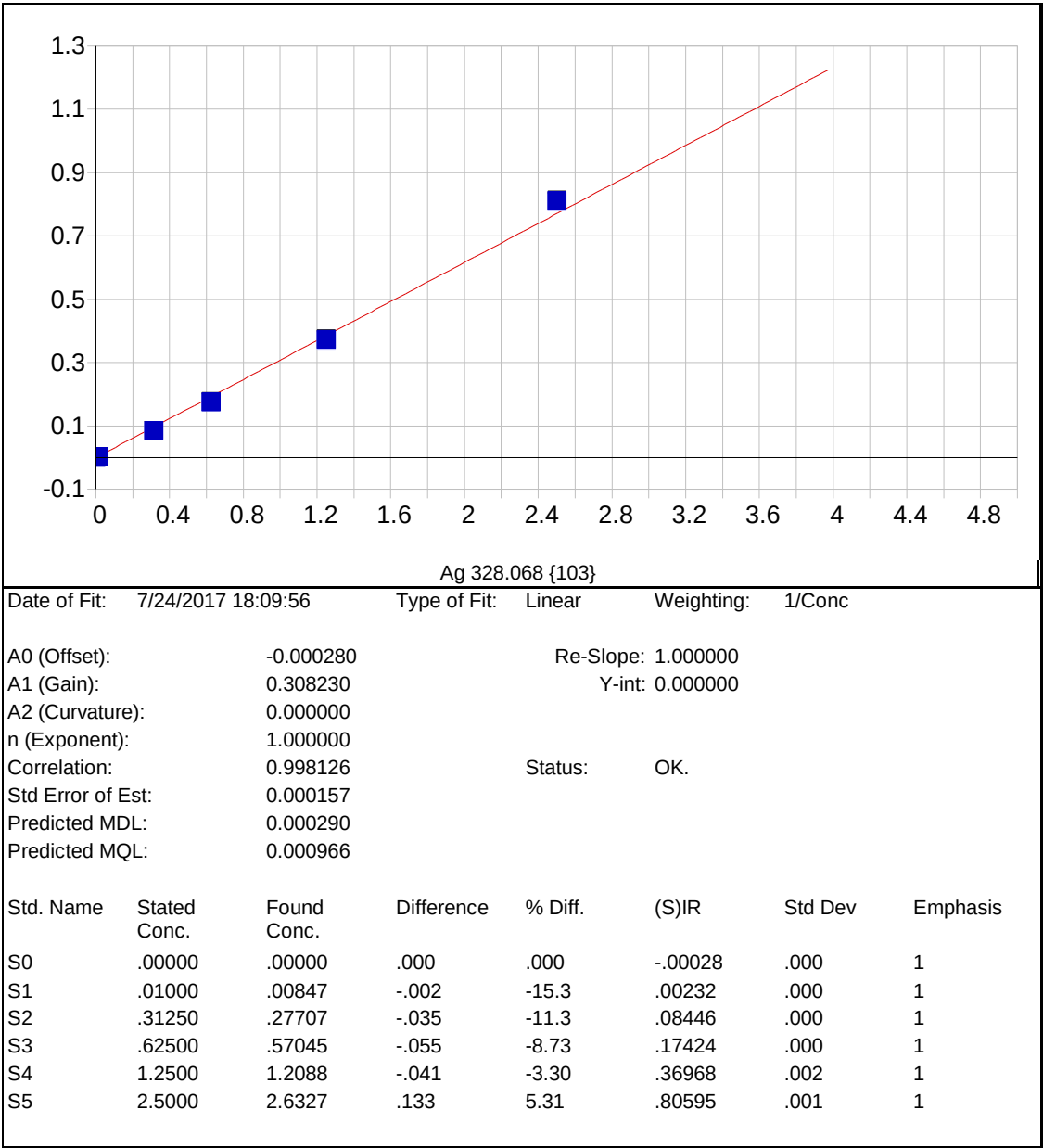
Status: OK.

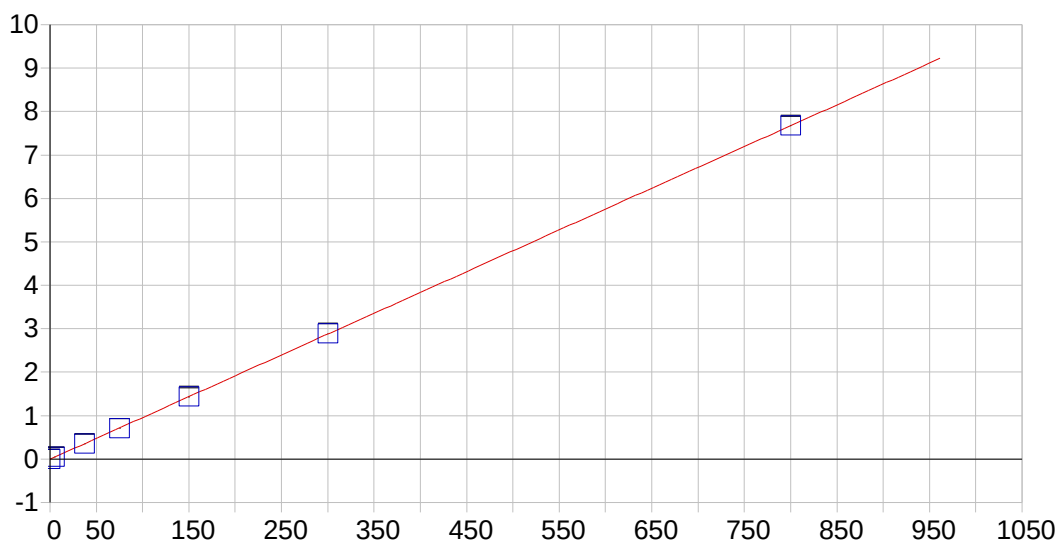
Std Error of Est: 0.000138

Predicted MDL: 0.000481

Predicted MQL: 0.001605

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.04000	.03646	-.004	-8.85	.01654	.000	1
S2	.62500	.61957	-.005	-.869	.28739	.001	1
S3	1.2500	1.2561	.006	.484	.58291	.003	1
S4	2.5000	2.5439	.044	1.76	1.1808	.002	1
S5	5.0000	4.9590	-.041	-.820	2.3025	.003	1





Na 818.326 { 41}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003484

Re-Slope: 1.000000

A1 (Gain): 0.009598

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

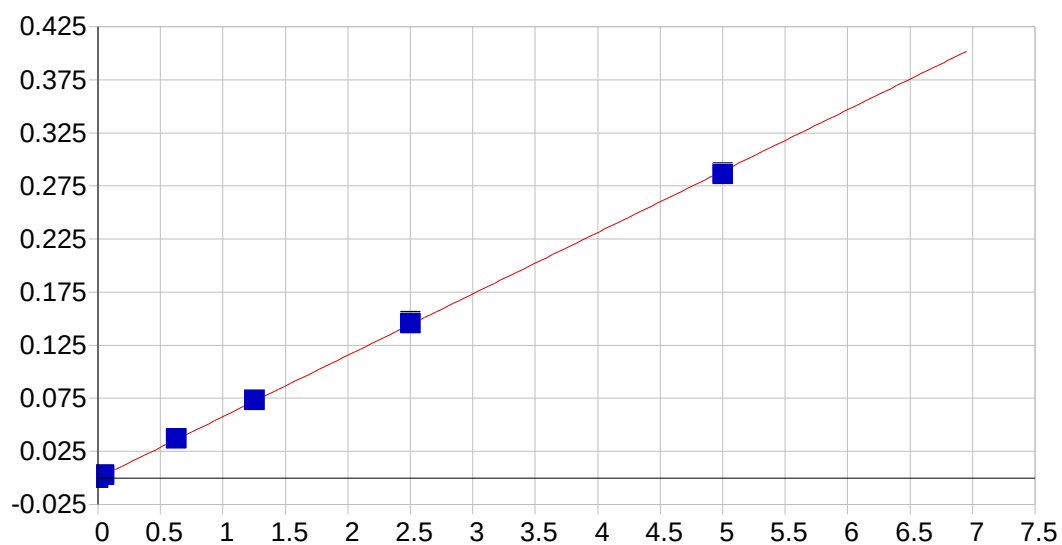
Status: OK.

Std Error of Est: 0.000170

Predicted MDL: 0.089489

Predicted MQL: 0.298298

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	-.00348	.001	1
S1	5.0000	4.9247	-.075	-1.51	.04378	.000	1
S2	37.500	36.697	-.803	-2.14	.34872	.001	1
S3	75.000	73.964	-1.04	-1.38	.70640	.004	1
S4	150.00	149.66	-.337	-.225	1.4329	.016	1
S5	300.00	301.86	1.86	.619	2.8937	.009	1
S6	800.00	800.39	.393	.049	7.6784	.017	1



V 292.402 {115}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000074

Re-Slope: 1.000000

A1 (Gain): 0.057818

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999937

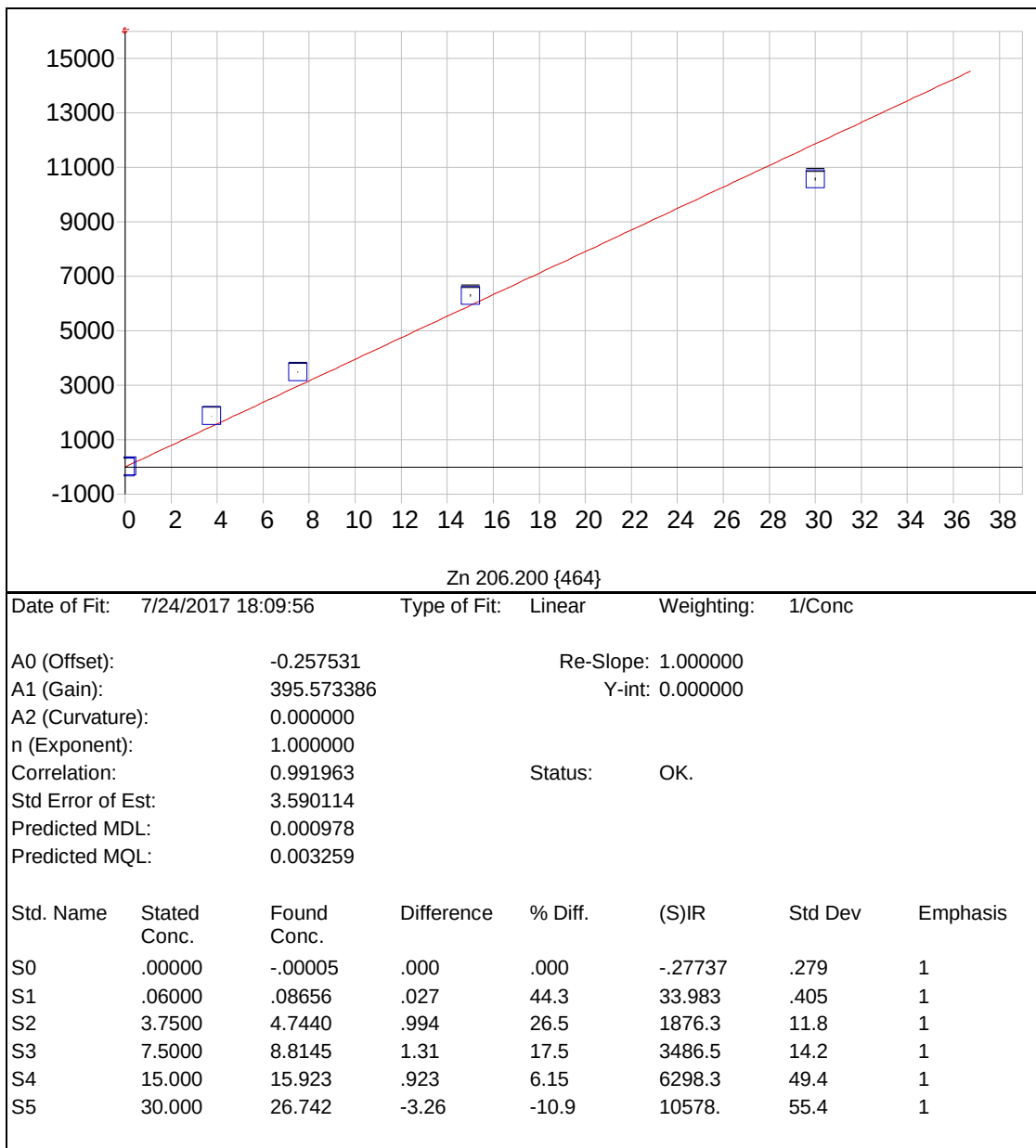
Status: OK.

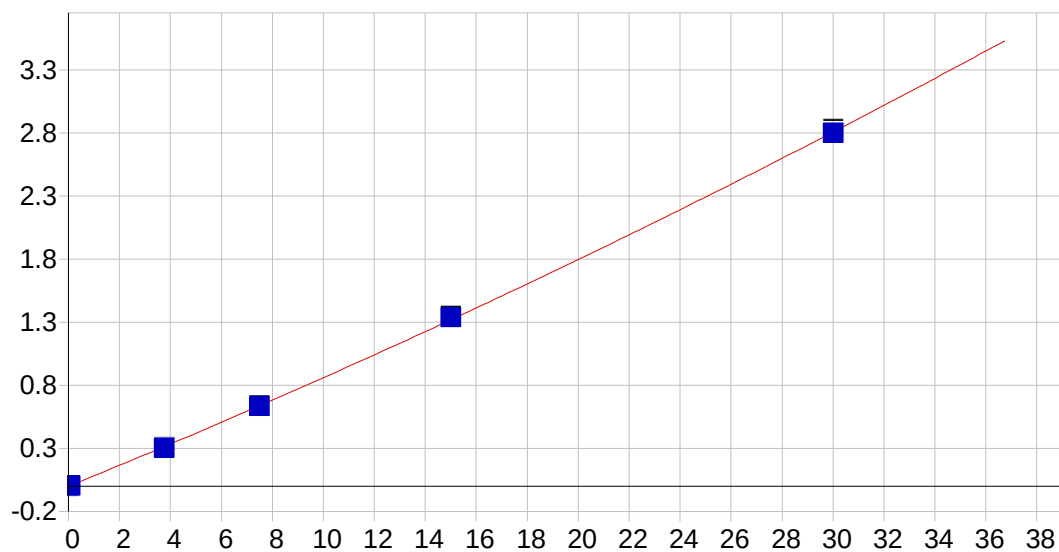
Std Error of Est: 0.000017

Predicted MDL: 0.002971

Predicted MQL: 0.009905

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.05000	.05123	.001	2.45	.00289	.000	1
S2	.62500	.63754	.013	2.01	.03694	.000	1
S3	1.2500	1.2674	.017	1.39	.07350	.000	1
S4	2.5000	2.5197	.020	.788	.14621	.002	1
S5	5.0000	4.9492	-.051	-1.02	.28727	.000	1



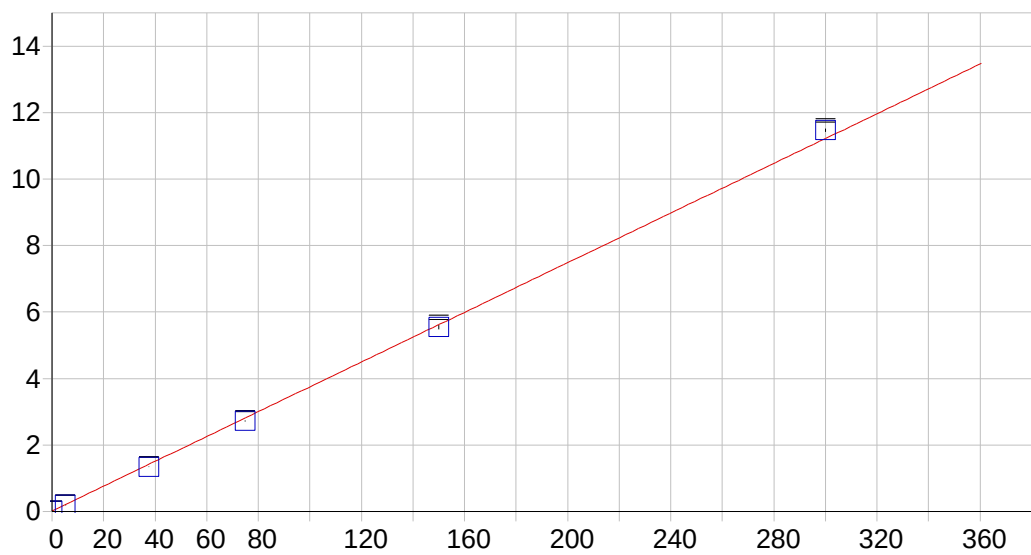


Zn 213.856 {158}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.001054 Re-Slope: 1.000000
 A1 (Gain): 0.082330 Y-int: 0.000000
 A2 (Curvature): 0.000374
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: Warning Positive Curvature
 Std Error of Est: 0.000073
 Predicted MDL: 0.012234
 Predicted MQL: 0.040779

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00105	.001	1
S1	.06000	.06438	.004	7.30	.00427	.001	1
S2	3.7500	3.6657	-.084	-2.25	.30651	.002	1
S3	7.5000	7.4473	-.053	-.703	.63431	.003	1
S4	15.000	15.201	.201	1.34	1.3398	.008	1
S5	30.000	29.930	-.070	-.233	2.8041	.023	1

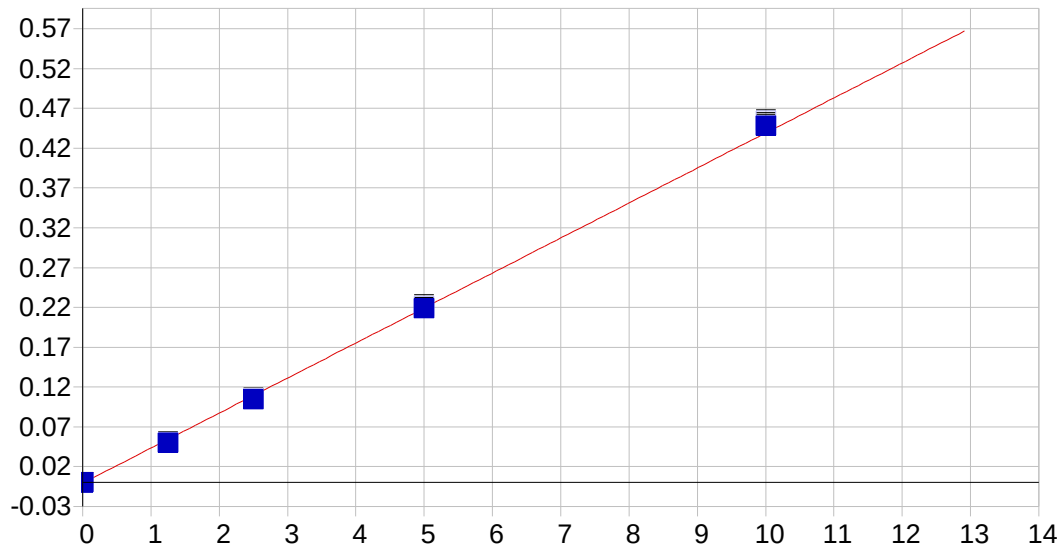


K 769.896 { 44}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.015715	Re-Slope: 1.000000
A1 (Gain):	0.037345	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999672	Status: OK.
Std Error of Est:	0.001973	
Predicted MDL:	0.023227	
Predicted MQL:	0.077424	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00065	.001	.000	.01574	.000	1
S1	5.0000	4.7283	-.272	-5.43	.19229	.001	1
S2	37.500	35.525	-1.97	-5.27	1.3424	.009	1
S3	75.000	72.512	-2.49	-3.32	2.7236	.012	1
S4	150.00	148.09	-1.91	-1.27	5.5463	.062	1
S5	300.00	306.64	6.64	2.21	11.467	.056	1



P 177.495 {490}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000569

Re-Slope: 1.000000

A1 (Gain): 0.043967

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999515

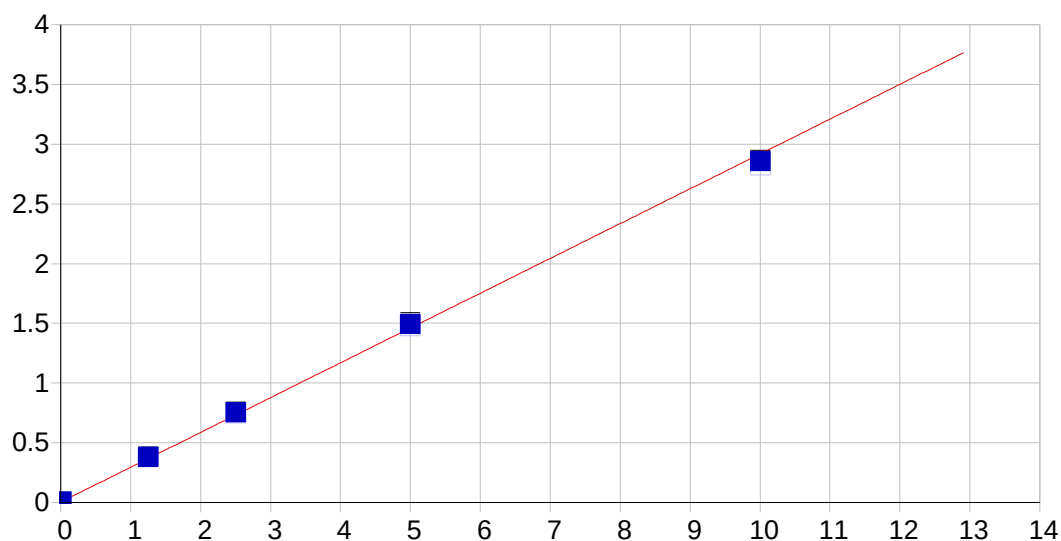
Status: OK.

Std Error of Est: 0.000023

Predicted MDL: 0.002849

Predicted MQL: 0.009497

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.000	1
S1	.01000	.01413	.004	41.3	.00006	.000	1
S2	1.2500	1.1536	-.096	-7.71	.05086	.000	1
S3	2.5000	2.3881	-.112	-4.48	.10585	.001	1
S4	5.0000	4.9918	-.008	-.164	.22175	.001	1
S5	10.000	10.212	.212	2.12	.45412	.002	1

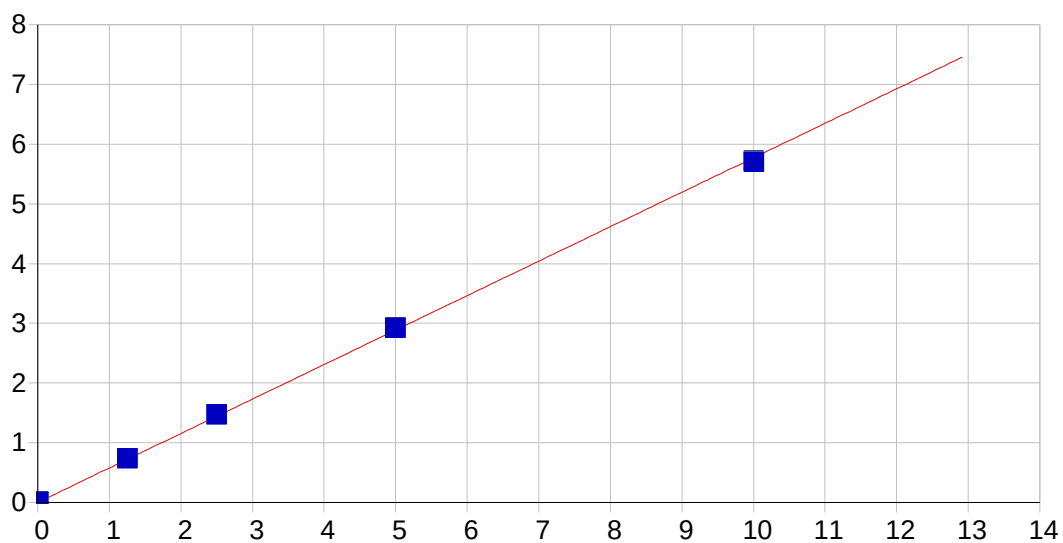


B 249.678 {135}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004396 Re-Slope: 1.000000
 A1 (Gain): 0.291407 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999671 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.000932
 Predicted MQL: 0.003107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00440	.000	1
S1	.01000	.00619	-.004	-38.1	.00621	.000	1
S2	1.2500	1.2911	.041	3.29	.37607	.002	1
S3	2.5000	2.5766	.077	3.06	.74611	.002	1
S4	5.0000	5.1037	.104	2.07	1.4734	.016	1
S5	10.000	9.7825	-.218	-2.18	2.8186	.011	1



Mo 202.030 {467}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000980

Re-Slope: 1.000000

A1 (Gain): 0.577126

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999921

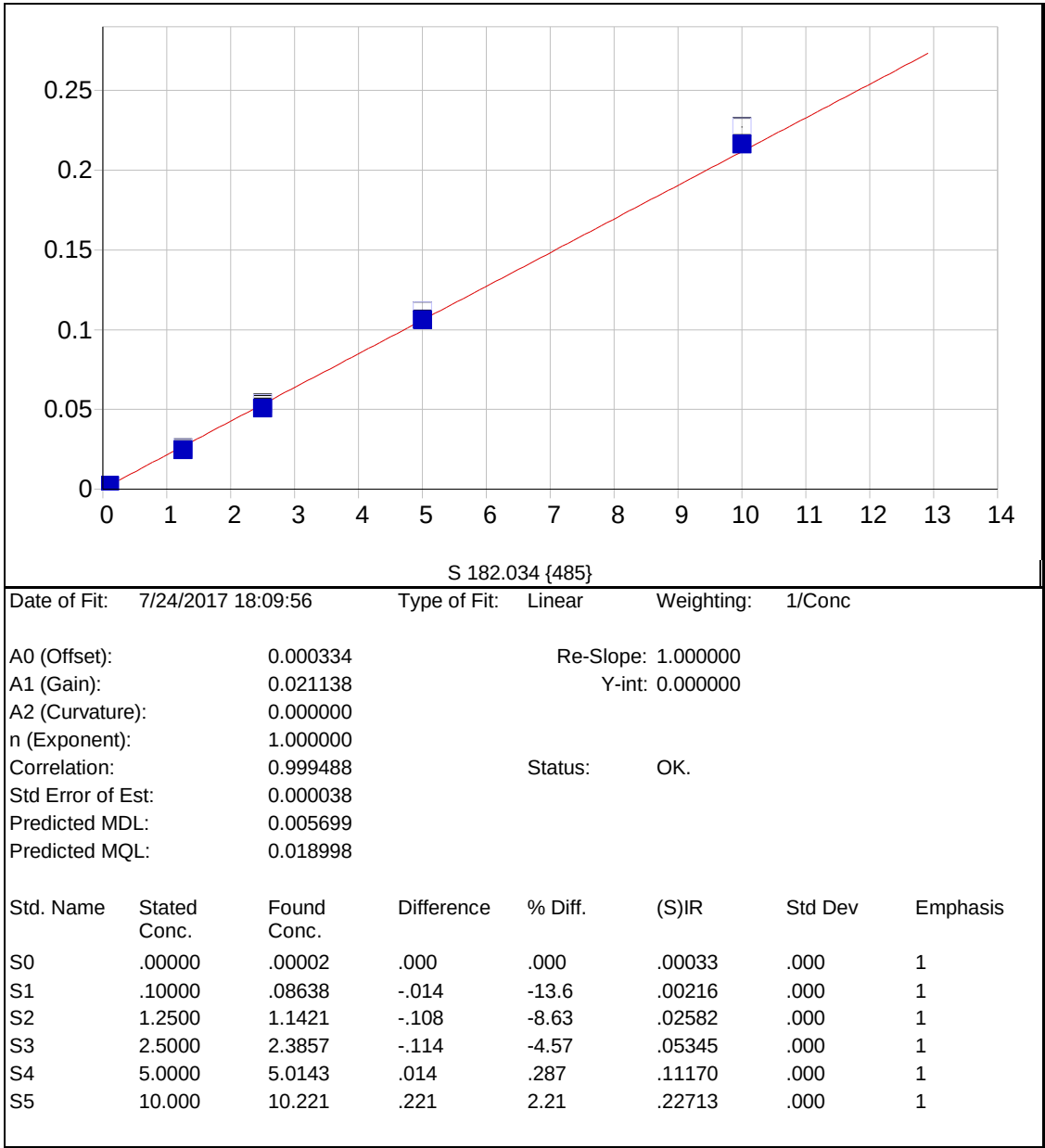
Status: OK.

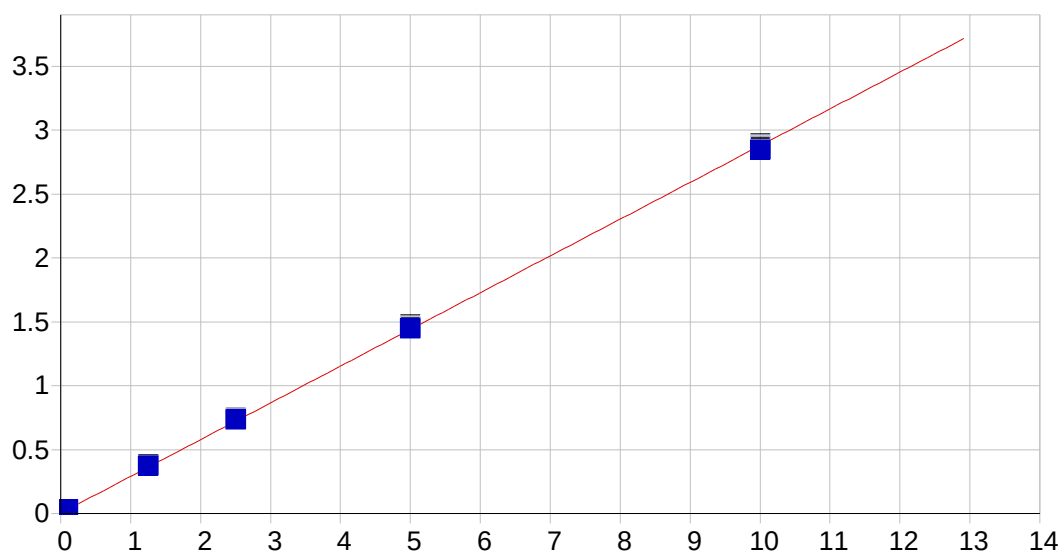
Std Error of Est: 0.000121

Predicted MDL: 0.000469

Predicted MQL: 0.001562

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00098	.000	1
S1	.01000	.01050	.001	5.00	.00705	.000	1
S2	1.2500	1.2713	.021	1.71	.73536	.004	1
S3	2.5000	2.5416	.042	1.66	1.4691	.003	1
S4	5.0000	5.0520	.052	1.04	2.9192	.007	1
S5	10.000	9.8845	-.115	-1.15	5.7108	.010	1





Si 251.611 {134}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002770

Re-Slope: 1.000000

A1 (Gain): 0.287589

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999899

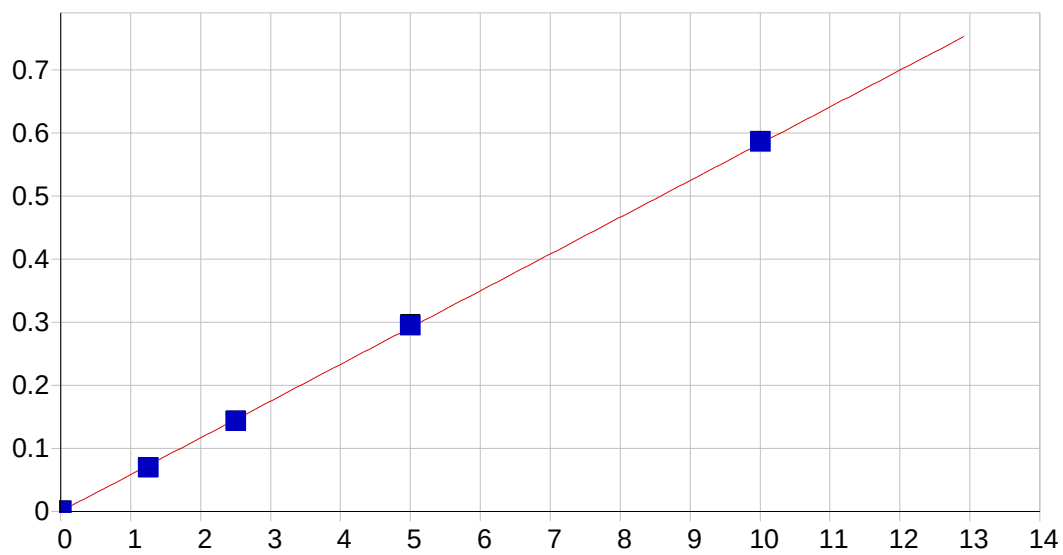
Status: OK.

Std Error of Est: 0.000220

Predicted MDL: 0.000961

Predicted MQL: 0.003202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00277	.000	1
S1	.10000	.09556	-.004	-4.44	.03036	.001	1
S2	1.2500	1.2961	.046	3.69	.37975	.001	1
S3	2.5000	2.5429	.043	1.72	.74255	.004	1
S4	5.0000	5.0226	.023	.452	1.4641	.014	1
S5	10.000	9.8927	-.107	-1.07	2.8817	.012	1

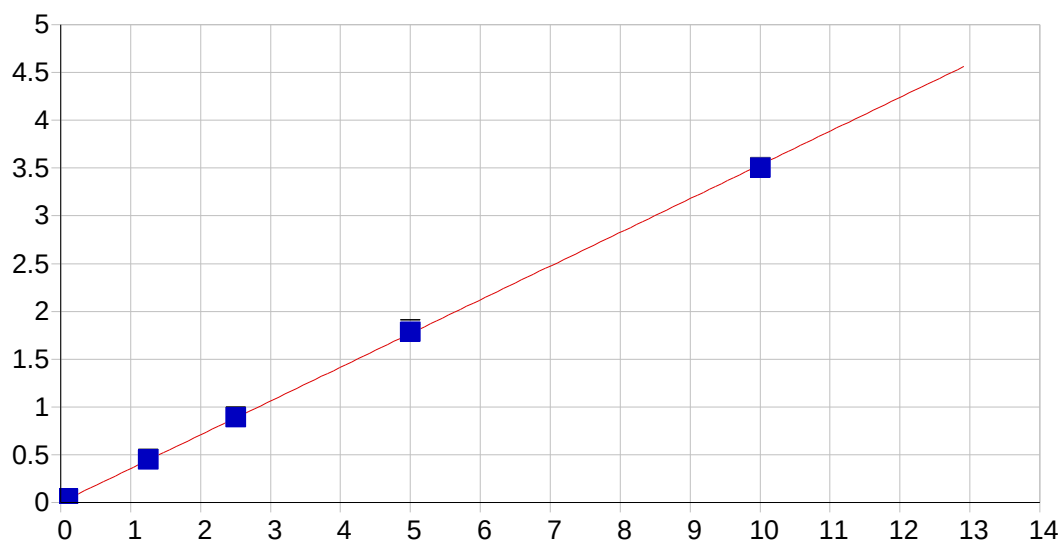


Sn 189.989 {478}

Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.058295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001931
 Predicted MQL: 0.006436

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.00700	.00707	.000	1.02	.00051	.000	1
S2	1.2500	1.1855	-.065	-5.16	.06916	.000	1
S3	2.5000	2.4558	-.044	-1.77	.14315	.000	1
S4	5.0000	5.0590	.059	1.18	.29479	.001	1
S5	10.000	10.050	.050	.497	.58549	.001	1



Ti 336.121 {100}

Date of Fit: 7/24/2017 18:09:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002634

Re-Slope: 1.000000

A1 (Gain): 0.353023

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999957

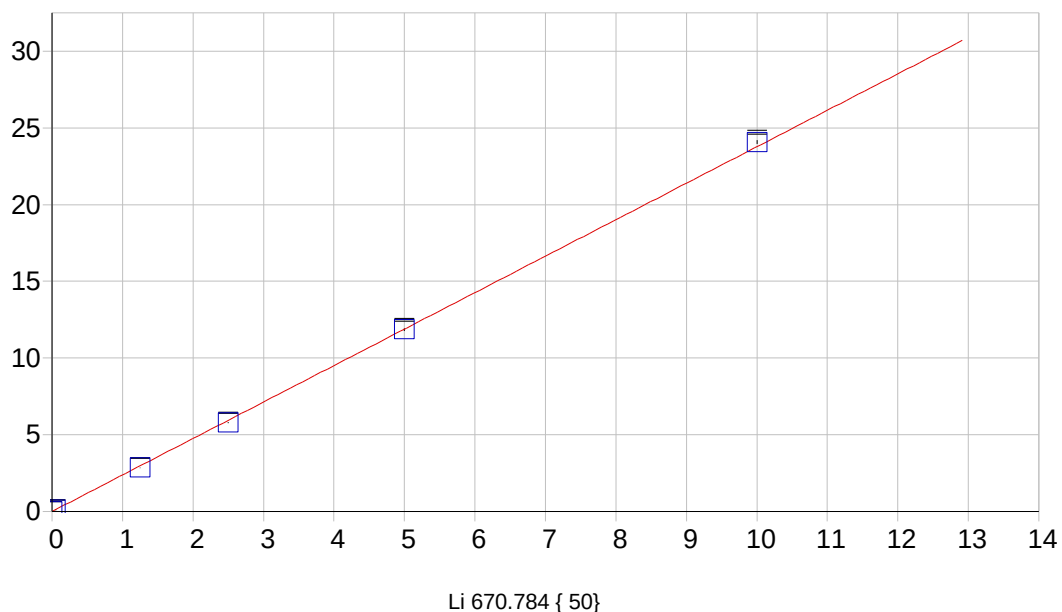
Status: OK.

Std Error of Est: 0.000174

Predicted MDL: 0.000796

Predicted MQL: 0.002652

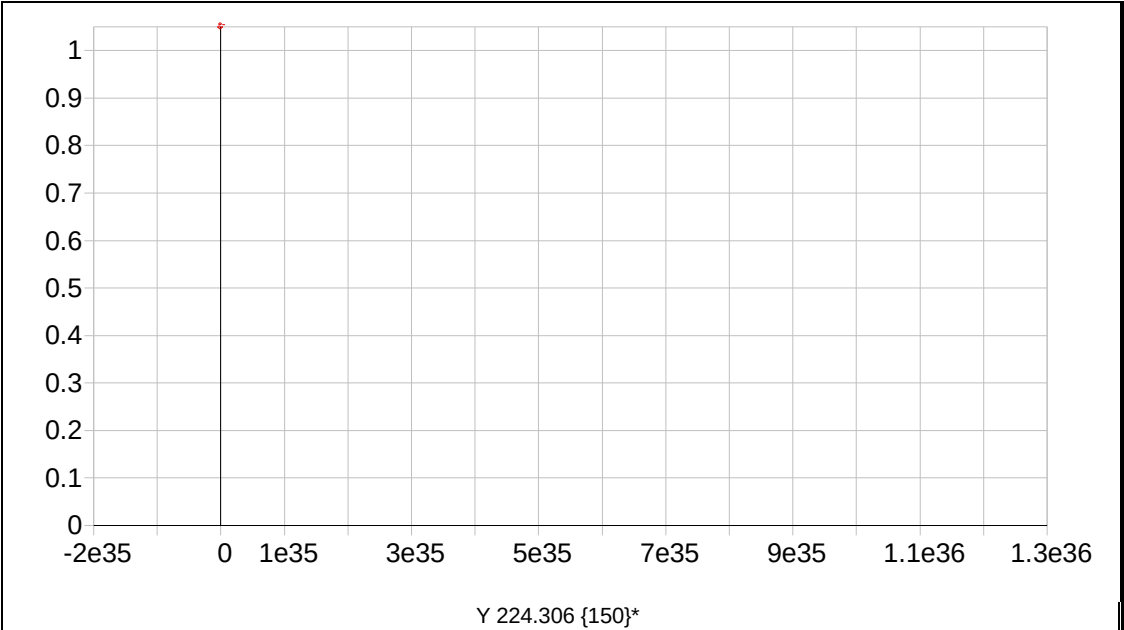
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00263	.000	1
S1	.10000	.10326	.003	3.26	.03908	.000	1
S2	1.2500	1.2664	.016	1.32	.44957	.001	1
S3	2.5000	2.5191	.019	.765	.89165	.002	1
S4	5.0000	5.0460	.046	.920	1.7834	.022	1
S5	10.000	9.9151	-.085	-.849	3.5017	.005	1



Date of Fit: 7/24/2017 18:09:56 Type of Fit: Linear Weighting: 1/Conc

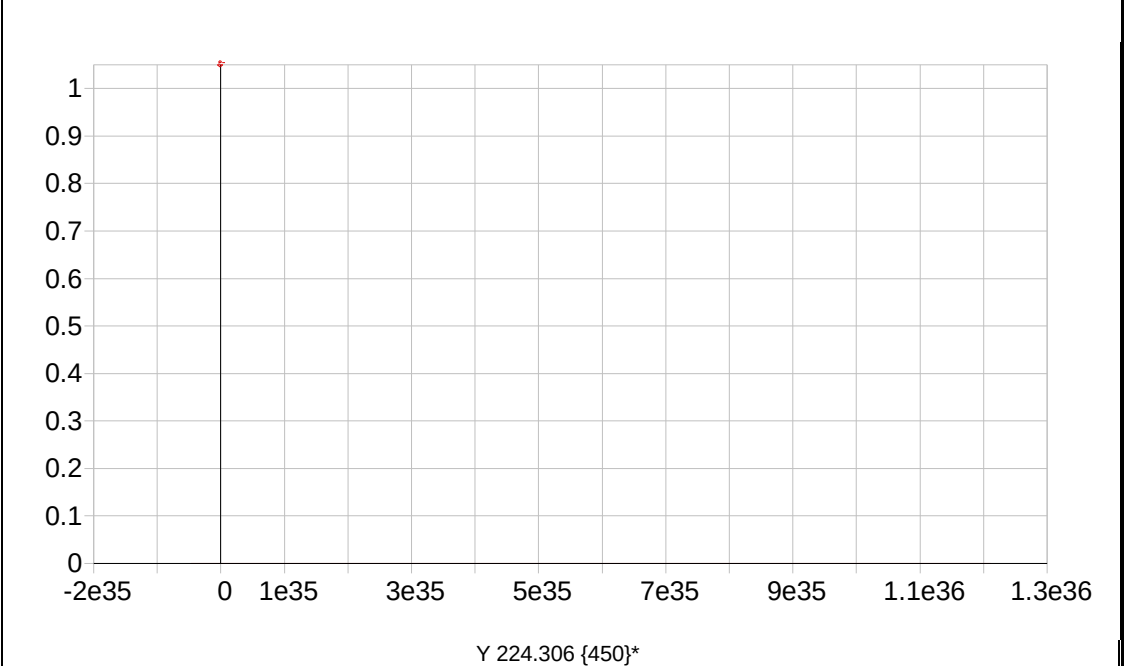
A0 (Offset): 0.005243 Re-Slope: 1.000000
 A1 (Gain): 2.376655 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.001530
 Predicted MDL: 0.000415
 Predicted MQL: 0.001384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00525	.001	1
S5	10.000	10.127	.127	1.27	24.073	.124	1
S4	5.0000	4.9893	-.011	-.214	11.863	.087	1
S3	2.5000	2.4409	-.059	-2.36	5.8065	.038	1
S2	1.2500	1.1946	-.055	-4.43	2.8443	.024	1
S1	.05000	.04839	-.002	-3.22	.12025	.000	1

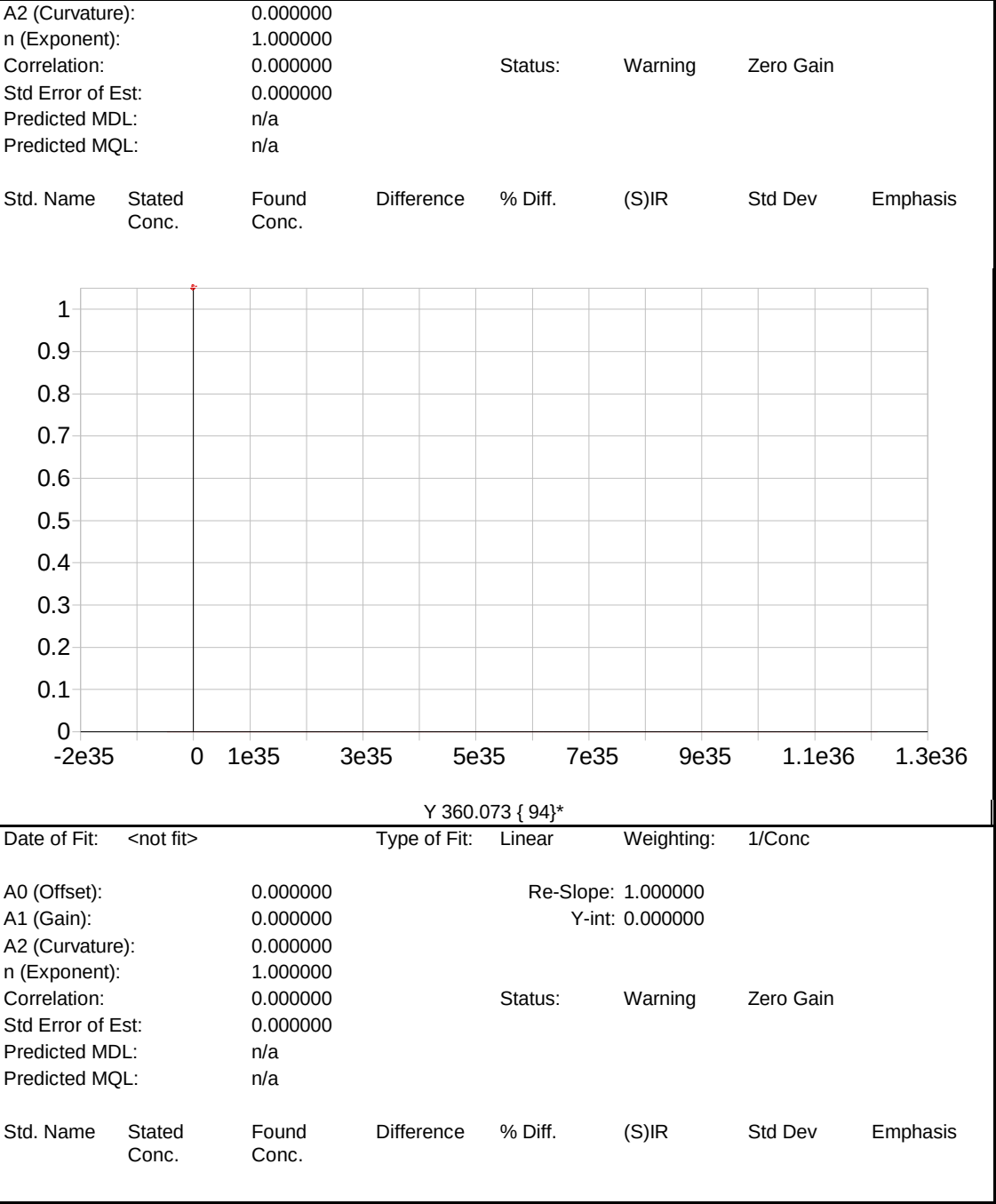


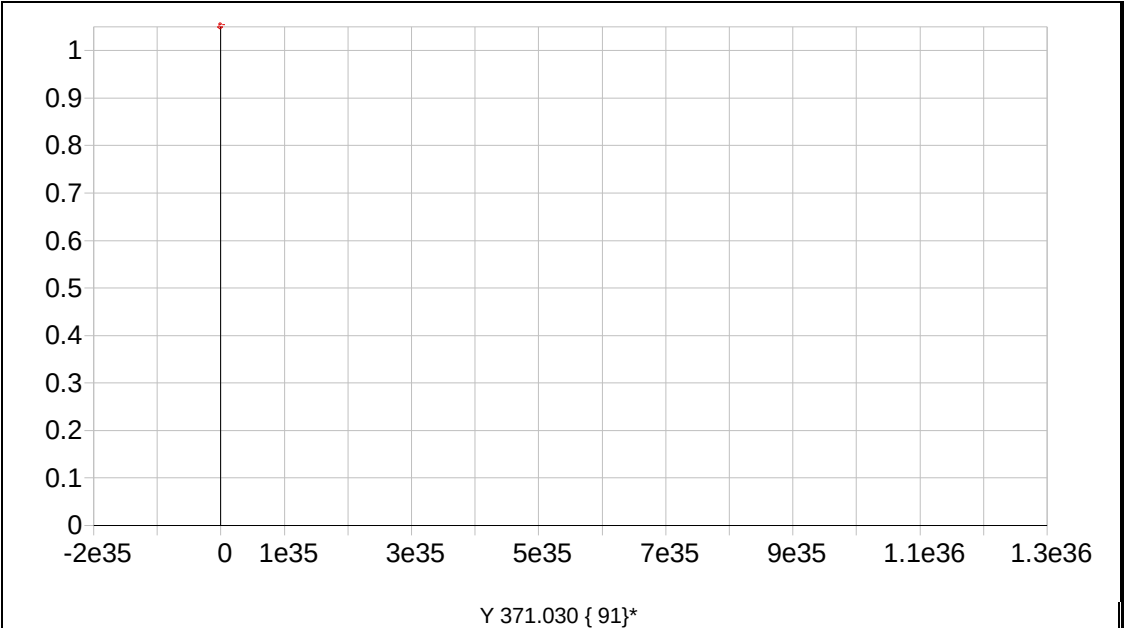
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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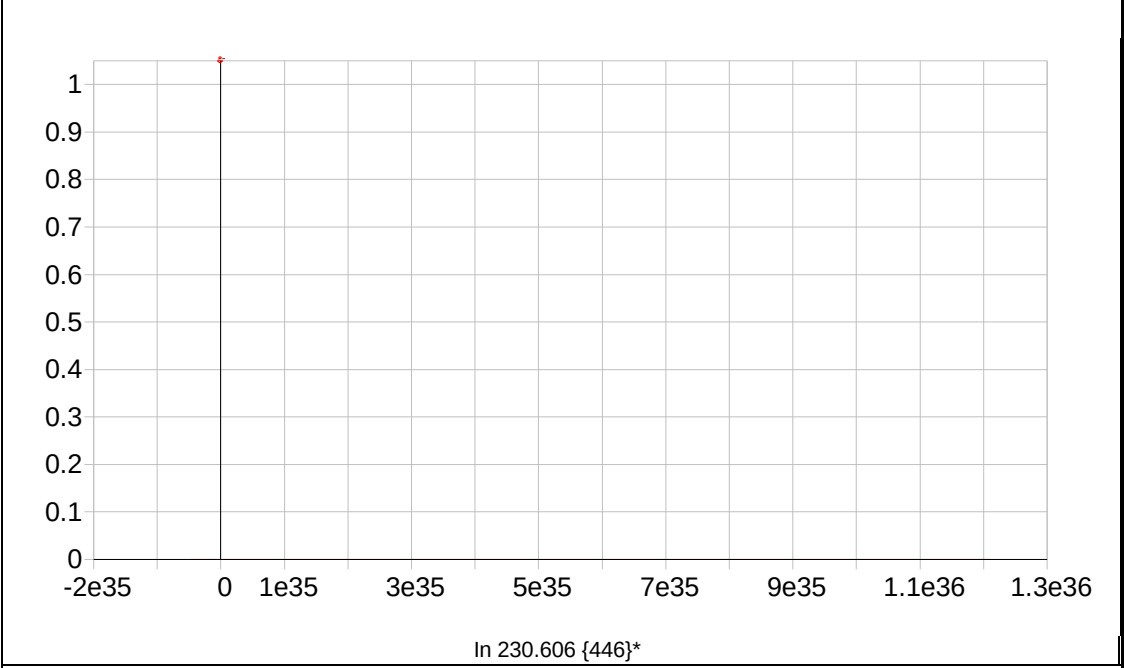
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



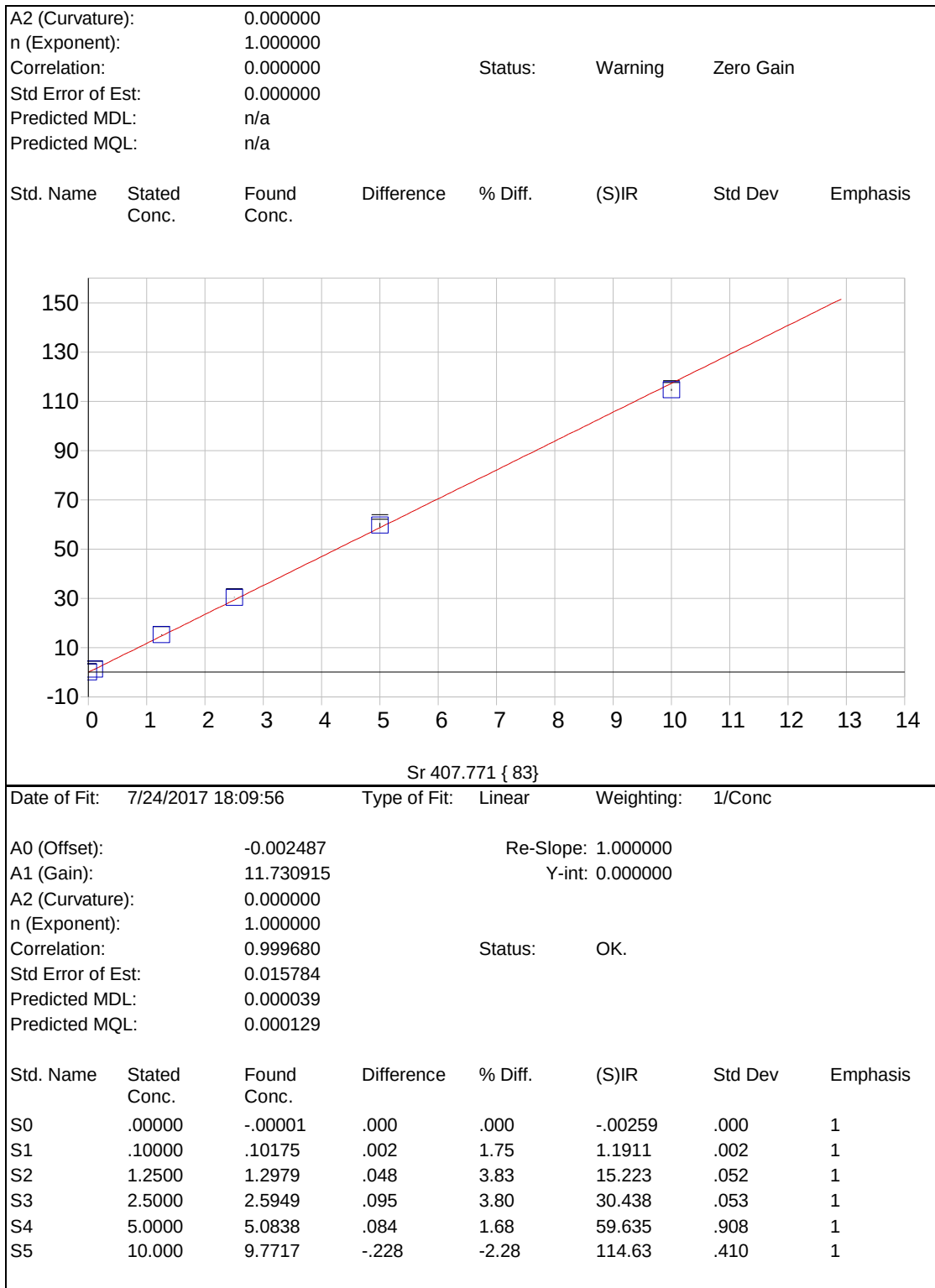


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 7/20/2017 15:25:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00068	-.00039	-.00031	.00072	-.00005	.00025	-.02917	-.00139
Stddev	.00002	.00014	.00019	.00010	.00006	.00062	.00077	.00025
%RSD	3.2944	36.570	62.466	13.320	133.30	245.10	2.6288	17.938

#1	-.00066	-.00023	-.00014	.00073	-.00012	-.00013	-.02957	-.00127
#2	-.00070	-.00046	-.00052	.00062	-.00004	.00097	-.02966	-.00168
#3	-.00069	-.00048	-.00028	.00082	.00001	-.00008	-.02829	-.00122

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00082	.00085	-.00002	-.00048	.00074	.00012	-.00003	-.00015
Stddev	.00004	.00010	.00004	.00009	.00024	.00006	.00006	.00013
%RSD	4.9791	12.181	144.42	19.308	32.567	47.699	216.53	86.313

#1	-.00078	.00076	.00002	-.00059	.00100	.00012	.00002	-.00022
#2	-.00086	.00096	-.00005	-.00042	.00052	.00006	-.00009	-.00024
#3	-.00082	.00085	-.00004	-.00044	.00071	.00018	.00000	.00000

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00032	-.00028	-.00348	-.00007	-.00105	.01574	-.00057	.00440
Stddev	.00025	.00005	.00063	.00010	.00068	.00041	.00006	.00017
%RSD	77.399	17.523	18.089	128.31	64.404	2.6227	9.8823	3.9645

#1	-.00007	-.00027	-.00328	-.00002	-.00065	.01576	-.00055	.00459
#2	-.00032	-.00033	-.00297	-.00002	-.00067	.01531	-.00063	.00435
#3	-.00057	-.00024	-.00419	-.00019	-.00184	.01614	-.00052	.00425

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00098	.00033	.00277	.00011	.00263	.00525	-.00259	
Stddev	.00018	.00006	.00047	.00005	.00034	.00115	.00013	
%RSD	17.974	16.820	16.826	45.070	13.066	21.860	5.1737	

#1	.00078	.00031	.00241	.00016	.00226	.00522	-.00247	
#2	.00107	.00040	.00261	.00010	.00269	.00642	-.00256	
#3	.00109	.00030	.00330	.00006	.00294	.00412	-.00274	

Sample Name: S0 Acquired: 7/20/2017 15:25:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	851.83	1517.1	39107.	7152.6	2812.8
Stddev	7.18	10.6	95.	46.5	10.1
%RSD	.84267	.69884	.24346	.65013	.35936
#1	843.61	1508.6	38998.	7110.1	2804.5
#2	854.99	1513.8	39177.	7145.3	2809.8
#3	856.88	1529.0	39145.	7202.2	2824.0

Sample Name: S1 Acquired: 7/20/2017 15:29:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00004	.00109	.00112	.00370	.01280	.01604	.89431	.00950
Stddev	.00004	.00003	.00011	.00006	.00040	.00035	.00155	.00009
%RSD	114.49	2.7562	9.4053	1.4892	3.1496	2.1573	.17353	.97498

#1	.00007	.00113	.00114	.00363	.01255	.01640	.89476	.00956
#2	.00005	.00108	.00100	.00372	.01327	.01572	.89559	.00954
#3	-.00001	.00107	.00121	.00374	.01259	.01599	.89258	.00939

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00555	.15673	.00085	.02756	.00582	.00123	.00341	.02513
Stddev	.00019	.00055	.00002	.00012	.00004	.00004	.00010	.00014
%RSD	3.4527	.35125	2.1128	.42062	.60246	3.1902	2.8549	.57515

#1	.00534	.15615	.00085	.02769	.00585	.00127	.00330	.02511
#2	.00560	.15679	.00086	.02749	.00582	.00121	.00349	.02529
#3	.00572	.15725	.00083	.02749	.00578	.00120	.00344	.02500

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01654	.00232	.04378	.00289	.00427	.19229	.00006	.00621
Stddev	.00028	.00002	.00020	.00005	.00113	.00069	.00002	.00014
%RSD	1.6769	1.0056	.45242	1.7188	26.529	.36140	39.583	2.1783

#1	.01684	.00233	.04401	.00284	.00557	.19275	.00005	.00636
#2	.01650	.00234	.04363	.00290	.00365	.19263	.00004	.00613
#3	.01629	.00230	.04371	.00294	.00357	.19149	.00009	.00613

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00705	.00216	.03036	.00051	.03908	.12025	1.1911	
Stddev	.00030	.00005	.00057	.00001	.00035	.00038	.0024	
%RSD	4.1891	2.0832	1.8643	1.4660	.90118	.31529	.20082	

#1	.00681	.00221	.02972	.00052	.03868	.12030	1.1910	
#2	.00738	.00212	.03056	.00051	.03933	.11984	1.1936	
#3	.00697	.00216	.03079	.00051	.03923	.12059	1.1888	

Sample Name: S1 Acquired: 7/20/2017 15:29:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	839.95	1511.5	38623.	7159.3	2834.6
Stddev	1.33	4.6	140.	22.5	3.7
%RSD	.15780	.30160	.36285	.31483	.12912
#1	838.82	1507.8	38551.	7145.4	2832.5
#2	841.41	1510.2	38534.	7147.1	2832.5
#3	839.60	1516.6	38785.	7185.3	2838.9

Sample Name: S2 Acquired: 7/20/2017 15:33:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06393	.07639	.86485	.10833	.26314	2.9552	12.497	.28258
Stddev	.00031	.00014	.00241	.00083	.00015	.0134	.065	.00150
%RSD	.48270	.18951	.27894	.76792	.05692	.45353	.52141	.53008

#1	.06361	.07622	.86489	.10891	.26324	2.9706	12.572	.28406
#2	.06422	.07647	.86725	.10737	.26322	2.9461	12.463	.28107
#3	.06395	.07648	.86243	.10870	.26297	2.9490	12.456	.28261

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.70456	1.9036	.28893	.38605	.70658	.39605	.83403	.31274
Stddev	.00383	.0054	.00070	.00075	.00317	.00065	.00165	.00176
%RSD	.54315	.28439	.24214	.19333	.44911	.16518	.19808	.56189

#1	.70243	1.8991	.28936	.38535	.71020	.39670	.83485	.31438
#2	.70898	1.9021	.28812	.38684	.70428	.39539	.83213	.31089
#3	.70227	1.9096	.28930	.38598	.70526	.39607	.83511	.31294

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.28739	.08446	.34872	.03694	.30651	1.3424	.05086	.37607
Stddev	.00094	.00025	.00090	.00003	.00155	.0088	.00010	.00248
%RSD	.32728	.29809	.25745	.07694	.50418	.65618	.20153	.65848

#1	.28684	.08458	.34942	.03696	.30505	1.3525	.05074	.37782
#2	.28848	.08417	.34771	.03691	.30637	1.3362	.05092	.37323
#3	.28685	.08463	.34903	.03694	.30813	1.3385	.05092	.37715

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.73536	.02582	.37975	.06916	.44957	2.8443	15.223	
Stddev	.00351	.00015	.00137	.00021	.00139	.0237	.052	
%RSD	.47764	.59735	.35949	.30741	.30883	.83426	.33875	

#1	.73837	.02572	.38113	.06940	.45117	2.8713	15.282	
#2	.73621	.02600	.37840	.06901	.44872	2.8265	15.194	
#3	.73150	.02573	.37973	.06905	.44882	2.8353	15.192	

Sample Name: S2 Acquired: 7/20/2017 15:33:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	791.18	1435.2	36388.	6964.5	2636.5
Stddev	3.78	9.6	123.	33.3	10.2
%RSD	.47832	.66610	.33751	.47819	.38828
#1	790.87	1424.8	36284.	6926.3	2625.7
#2	787.56	1437.5	36356.	6980.2	2637.8
#3	795.11	1443.5	36524.	6987.1	2646.1

Sample Name: S3 Acquired: 7/20/2017 15:37:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12989	.15378	1.7686	.21637	.53219	6.0234	25.120	.56376
Stddev	.00064	.00101	.0068	.00084	.00046	.0200	.091	.00187
%RSD	.48999	.65497	.38533	.38803	.08662	.33258	.36369	.33110

#1	.13040	.15270	1.7630	.21689	.53262	6.0439	25.222	.56390
#2	.13010	.15469	1.7762	.21682	.53171	6.0224	25.092	.56555
#3	.12918	.15394	1.7666	.21540	.53225	6.0039	25.045	.56183

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4152	3.8131	.56081	.78878	1.4303	.77939	1.6438	.62773
Stddev	.0069	.0089	.00117	.00346	.0057	.00238	.0032	.00202
%RSD	.48818	.23256	.20895	.43907	.39578	.30540	.19432	.32171

#1	1.4076	3.8035	.55946	.78492	1.4368	.77747	1.6404	.63004
#2	1.4211	3.8209	.56148	.79162	1.4263	.78206	1.6468	.62681
#3	1.4169	3.8150	.56150	.78979	1.4279	.77865	1.6443	.62633

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.58291	.17424	.70640	.07350	.63431	2.7236	.10585	.74611
Stddev	.00261	.00027	.00393	.00035	.00279	.0117	.00063	.00194
%RSD	.44834	.15252	.55642	.47301	.44062	.43018	.59610	.25983

#1	.58008	.17435	.71049	.07363	.63352	2.7368	.10512	.74450
#2	.58523	.17393	.70606	.07311	.63200	2.7199	.10627	.74826
#3	.58342	.17443	.70265	.07377	.63742	2.7142	.10615	.74557

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.4691	.05345	.74255	.14315	.89165	5.8065	30.438	
Stddev	.0029	.00050	.00391	.00039	.00207	.0376	.053	
%RSD	.19520	.93262	.52662	.27191	.23255	.64688	.17396	

#1	1.4697	.05306	.74214	.14294	.89368	5.8498	30.493	
#2	1.4716	.05401	.74665	.14360	.88953	5.7870	30.433	
#3	1.4660	.05327	.73886	.14292	.89173	5.7828	30.387	

Sample Name: S3 Acquired: 7/20/2017 15:37:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	750.57	1371.3	35050.	6833.0	2465.2
Stddev	4.56	4.9	161.	19.8	2.3
%RSD	.60704	.35795	.46039	.28906	.09359
#1	746.44	1365.6	34899.	6816.1	2467.8
#2	755.45	1374.1	35220.	6828.2	2463.5
#3	749.81	1374.1	35032.	6854.7	2464.4

Sample Name: S4 Acquired: 7/20/2017 15:41:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.26508	.30077	3.5701	.42740	1.0909	12.506	49.609	1.1411
Stddev	.00086	.00228	.0034	.00082	.0054	.134	.620	.0128
%RSD	.32462	.75653	.09396	.19132	.49832	1.0705	1.2496	1.1189

#1	.26445	.29883	3.5714	.42654	1.0854	12.356	49.180	1.1267
#2	.26472	.30021	3.5663	.42749	1.0910	12.612	50.320	1.1512
#3	.26606	.30327	3.5727	.42817	1.0962	12.551	49.327	1.1454

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8242	7.7687	1.0809	1.6093	2.9109	1.5401	3.2545	1.2524
Stddev	.0114	.1038	.0052	.0025	.0273	.0176	.0432	.0138
%RSD	.40278	1.3363	.48078	.15302	.93975	1.1438	1.3260	1.1040

#1	2.8371	7.6497	1.0758	1.6110	2.8829	1.5199	3.2055	1.2370
#2	2.8194	7.8411	1.0862	1.6065	2.9376	1.5523	3.2867	1.2637
#3	2.8160	7.8152	1.0806	1.6103	2.9121	1.5481	3.2713	1.2565

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1808	.36968	1.4329	.14621	1.3398	5.5463	.22175	1.4734
Stddev	.0017	.00151	.0157	.00159	.0083	.0617	.00150	.0162
%RSD	.14207	.40735	1.0956	1.0873	.61767	1.1117	.67512	1.0972

#1	1.1800	.36856	1.4149	.14441	1.3475	5.4794	.22053	1.4552
#2	1.1797	.37139	1.4435	.14678	1.3311	5.6010	.22129	1.4860
#3	1.1828	.36909	1.4404	.14743	1.3409	5.5584	.22342	1.4790

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.9192	.11170	1.4641	.29479	1.7834	11.863	59.635	
Stddev	.0066	.00010	.0136	.00128	.0222	.087	.908	
%RSD	.22559	.09311	.93104	.43451	1.2468	.73275	1.5228	

#1	2.9117	.11170	1.4495	.29378	1.7578	11.779	58.772	
#2	2.9234	.11180	1.4765	.29437	1.7982	11.953	60.583	
#3	2.9227	.11159	1.4664	.29623	1.7941	11.858	59.550	

Sample Name: S4 Acquired: 7/20/2017 15:41:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	698.62	1294.8	33394.	6668.5	2258.7
Stddev	8.73	7.5	88.	39.9	10.5
%RSD	1.2493	.57775	.26225	.59792	.46278
#1	688.60	1303.1	33309.	6710.9	2269.1
#2	702.68	1292.7	33388.	6631.7	2258.7
#3	704.57	1288.5	33484.	6662.8	2248.2

Sample Name: S5 Acquired: 7/20/2017 15:46:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.54050	.55606	6.9812	.83388	2.2610	26.044	97.975	2.3244
Stddev	.00192	.00054	.0057	.00421	.0094	.067	.169	.0170
%RSD	.35571	.09753	.08193	.50534	.41501	.25658	.17224	.72946

#1	.54246	.55549	6.9798	.83870	2.2692	25.987	97.780	2.3099
#2	.53862	.55614	6.9875	.83090	2.2508	26.026	98.080	2.3203
#3	.54041	.55656	6.9764	.83204	2.2631	26.118	98.065	2.3430

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.4302	15.412	2.0311	3.1795	6.0368	2.9632	6.2681	2.4102
Stddev	.0162	.058	.0098	.0044	.0249	.0061	.0180	.0050
%RSD	.29748	.37591	.48213	.13956	.41157	.20557	.28658	.20560

#1	5.4159	15.446	2.0216	3.1759	6.0331	2.9684	6.2765	2.4131
#2	5.4477	15.345	2.0307	3.1844	6.0141	2.9565	6.2474	2.4045
#3	5.4269	15.445	2.0411	3.1780	6.0633	2.9647	6.2802	2.4130

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3025	.80595	2.8937	.28727	2.8041	11.467	.45412	2.8186
Stddev	.0027	.00107	.0093	.00010	.0234	.056	.00174	.0106
%RSD	.11502	.13306	.32005	.03643	.83485	.48496	.38374	.37694

#1	2.3046	.80701	2.8877	.28732	2.8236	11.421	.45349	2.8107
#2	2.2995	.80596	2.8890	.28734	2.7781	11.451	.45278	2.8144
#3	2.3034	.80487	2.9043	.28715	2.8107	11.529	.45609	2.8307

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.7108	.22713	2.8817	.58549	3.5017	24.073	114.63	
Stddev	.0104	.00031	.0120	.00081	.0046	.124	.41	
%RSD	.18173	.13749	.41795	.13823	.13050	.51567	.35760	

#1	5.7220	.22680	2.8717	.58557	3.5031	24.044	114.60	
#2	5.7015	.22742	2.8782	.58465	3.4966	23.966	114.24	
#3	5.7091	.22716	2.8951	.58626	3.5054	24.209	115.05	

Sample Name: S5 Acquired: 7/20/2017 15:46:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	637.47	1183.4	31493.	6457.2	2012.7
Stddev	4.51	4.8	78.	18.7	3.2
%RSD	.70800	.40294	.24696	.28949	.16068
#1	632.59	1178.0	31407.	6466.3	2009.1
#2	641.49	1187.0	31513.	6469.7	2015.4
#3	638.35	1185.2	31559.	6435.7	2013.5

Sample Name: S6 Acquired: 7/20/2017 15:50:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67.206	23.407	7.4843	3.5771	7.6784
Stddev	.477	.068	.0227	.0065	.0166
%RSD	.71000	.29012	.30281	.18058	.21624

#1	67.721	23.433	7.4924	3.5819	7.6601
#2	67.120	23.459	7.5017	3.5796	7.6828
#3	66.778	23.331	7.4587	3.5697	7.6924

Int. Std.	Y_3710
Units	Cts/S
Avg	6201.4
Stddev	24.3
%RSD	.39249

#1	6177.5
#2	6200.6
#3	6226.2

Sample Name: ICV Acquired: 7/20/2017 15:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9707180	1.039908	.9541038	.9974774	.9435947	F 2.217625
Stddev	.0210822	.016554	.0072746	.0199405	.0143500	.008568
%RSD	2.171811	1.591910	.7624565	1.999091	1.520780	.3863610

#1	.9865399	1.052247	.9589651	1.010320	.9537379	2.224690
#2	.9788292	1.046383	.9576059	1.007607	.9498704	2.208094
#3	.9467849	1.021095	.9457405	.974505	.9271759	2.220091

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4563834	F .4167539	.4814906	9.753911	F .5461144	F .4191630
Stddev	.0026656	.0013860	.0058425	.034124	.0024711	.0065476
%RSD	.5840664	.3325742	1.213418	.3498506	.4524805	1.562074

#1	.4585753	.4153251	.4826600	9.775385	.5436858	.4229808
#2	.4534161	.4168440	.4866600	9.771786	.5486258	.4229057
#3	.4571587	.4180928	.4751519	9.714563	.5460316	.4116026

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4781578	5.447954	.5099336	6.200374	F .4281354	F .3979612
Stddev	.0033090	.016852	.0021384	.052124	.0058356	.0008247
%RSD	.6920232	.3093352	.4193425	.8406526	1.363031	.2072445

#1	.4772237	5.467350	.5104427	6.168035	.4315936	.3972580
#2	.4754163	5.436893	.5117715	6.172584	.4314148	.3988690
#3	.4818334	5.439619	.5075866	6.260504	.4213978	.3977565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.548493	F .4313051	.9568759	9.118331	F -.002264	F 2.091295
Stddev	.047941	.0033381	.0187815	.098779	.002011	.007827
%RSD	.5020802	.7739498	1.962796	1.083296	88.83243	.3742551

#1	9.600062	.4330664	.9361897	9.199944	-.004586	2.090611
#2	9.540139	.4333937	.9728587	9.008519	-.001080	2.083833
#3	9.505278	.4274553	.9615793	9.146530	-.001125	2.099441

Sample Name: ICV Acquired: 7/20/2017 15:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.970905	-.009596	1.834977	F 1.725513	1.935060	.0018341
Stddev	.027793	.003885	.002135	.022022	.004549	.0002581
%RSD	1.410187	40.48417	.1163629	1.276275	.2350825	14.06961

#1	1.994239	-.013976	1.832694	1.734180	1.936781	.0021005
#2	1.978320	-.006567	1.836925	1.741883	1.929902	.0015853
#3	1.940156	-.008246	1.835314	1.700476	1.938498	.0018165

Elem	Sr4077
Units	ppm
Avg	.0114450
Stddev	.0000578
%RSD	.5051413

#1	.0114788
#2	.0113783
#3	.0114780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	796.7796	1460.281	37029.24	7016.450	2765.630
Stddev	14.3205	24.579	307.66	42.873	37.533
%RSD	1.797293	1.683193	.8308495	.6110387	1.357108

#1	781.2857	1437.584	36673.99	6967.404	2738.083
#2	809.5296	1456.872	37206.35	7046.801	2750.428
#3	799.5234	1486.387	37207.38	7035.145	2808.379

Sample Name: ICB Acquired: 7/20/2017 16:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001298	.0000347	.0006482	.0009877	.0000287	.0015587	-.000291
Stddev	.002456	.0034623	.0009408	.0009634	.0010007	.0042074	.000153
%RSD	189.1760	9965.738	145.1349	97.54671	3487.409	269.9348	52.71200

#1	.001033	-.001666	.0016802	.0008864	-.000728	.0057290	-.000140
#2	-.001066	.004018	-.000162	.0000789	-.000349	.0016320	-.000447
#3	-.003862	-.002248	.000426	.0019977	.001163	-.002685	-.000287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000193	.0000733	-.002064	.0005611	.0000617	.0005722	-.001214
Stddev	.0000362	.0000619	.012700	.0007948	.0002420	.0008540	.002058
%RSD	187.6675	84.40634	615.1771	141.6603	392.3802	149.2357	169.5243

#1	.0000060	.0001394	.007395	.0002756	.0003286	.0013543	.000082
#2	-.000008	.0000636	-.016499	-.000052	-.000000	.0007015	-.003588
#3	.000060	.0000168	.002911	.001459	-.000143	-.000339	-.000137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001958	.0457286	.0001812	.0002981	.0062432	-.002028	-.007240
Stddev	.0003147	.0297338	.0007323	.0001201	.0554304	.001281	.003029
%RSD	160.6685	65.02243	404.2169	40.28246	887.8573	63.15217	41.82845

#1	.0005585	.0135997	.0007153	.0003425	-.020216	-.001461	-.010681
#2	-.000005	.0722765	-.000654	.0001621	-.030999	-.003495	-.004978
#3	.000034	.0513096	.000482	.0003897	.069945	-.001129	-.006063

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027060	-.001719	-.000005	.0001857	-.000569	-.000163	.0005209
Stddev	.012738	.000911	.000367	.0000923	.004397	.000211	.0005942
%RSD	47.07233	53.01387	7673.400	49.73524	773.0356	129.0383	114.0698

#1	-.016361	-.001224	-.000353	.0001238	-.000360	-.000174	-.000137
#2	-.023669	-.001162	-.000040	.0001414	-.005066	.000053	.001018
#3	-.041150	-.002771	.000379	.0002918	.003720	-.000368	.000682

Sample Name: ICB Acquired: 7/20/2017 16:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001547	-.000155	-.000053
Stddev	.0008826	.000387	.000043
%RSD	570.4591	250.0465	80.78352

#1	.0011738	-.000036	-.000073
#2	-.000346	-.000587	-.000083
#3	-.000363	.000159	-.000004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	828.2162	1467.957	38377.36	7192.169	2758.471
Stddev	8.7524	7.432	204.15	50.419	10.252
%RSD	1.056773	.5062840	.5319610	.7010279	.3716467

#1	827.7902	1469.339	38282.46	7144.531	2763.052
#2	819.6846	1474.601	38237.93	7187.006	2765.633
#3	837.1737	1459.931	38611.69	7244.972	2746.727

Sample Name: ICSA Acquired: 7/20/2017 16:15:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000732	-.013057	.0005655	-.002251	-.001526	232.8486
Stddev	.0058273	.001205	.0028249	.001816	.001552	.5086
%RSD	7958.435	9.231443	499.5149	80.70127	101.6947	.2184105

#1	-.006617	-.012752	-.000480	-.002431	.000231	233.3538
#2	.004044	-.014386	-.001588	-.003970	-.002710	232.8553
#3	.002793	-.012034	.003764	-.000351	-.002101	232.3367

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045461	.0010580	.0007872	241.8843	.0472592	.0006486
Stddev	.0001997	.0001509	.0002718	1.7946	.0008301	.0000905
%RSD	4.393363	14.25838	34.53060	.7419346	1.756525	13.94593

#1	.0044493	.0011945	.0010308	240.0853	.0475115	.0006590
#2	.0044132	.0008960	.0004940	241.8930	.0479339	.0007334
#3	.0047758	.0010834	.0008368	243.6745	.0463322	.0005534

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262837	102.2568	.0076902	261.4145	-.000151	.0000560
Stddev	.0009433	.5399	.0005393	.2923	.000323	.0002997
%RSD	3.588761	.5279492	7.012549	.1118274	213.7863	535.3384

#1	.0257626	101.8755	.0070818	261.1404	-.000003	-.000279
#2	.0273726	102.0204	.0081092	261.7221	-.000521	.000299
#3	.0257160	102.8746	.0078797	261.3809	.000071	.000148

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2452237	-.000917	.0031940	-.079895	-.010394	F -.268539
Stddev	.0975449	.000592	.0095641	.001779	.003491	.004143
%RSD	39.77792	64.53837	299.4457	2.226127	33.58417	1.542935

#1	.1778316	-.001321	.0029497	-.078480	-.010186	-.273206
#2	.2007614	-.001192	.0128779	-.081892	-.013983	-.267116
#3	.3570781	-.000238	-.006246	-.079315	-.007011	-.265295

Sample Name: ICSA Acquired: 7/20/2017 16:15:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001326	.0094530	-.003428	-.001768	.0006355	.0009221
Stddev	.000791	.0012393	.000981	.002157	.0016759	.0004323
%RSD	59.66969	13.10998	28.61256	122.0074	263.7225	46.88656

#1	-.002156	.0100325	-.004549	.000159	.0020110	.0013245
#2	-.001242	.0080301	-.003015	-.001365	-.001231	.0009767
#3	-.000580	.0102964	-.002722	-.004098	.001126	.0004650

Elem	Sr4077
Units	ppm
Avg	.0973911
Stddev	.0004171
%RSD	.4282869

#1	.0978724
#2	.0971662
#3	.0971347

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	700.8854	1300.288	32936.65	6584.432	2336.331
Stddev	1.9344	11.681	52.84	46.766	13.580
%RSD	.2759919	.8983093	.1604276	.7102571	.5812677

#1	702.8999	1296.242	32960.51	6532.079	2333.254
#2	700.7137	1291.169	32876.09	6599.141	2324.553
#3	699.0426	1313.454	32973.36	6622.076	2351.186

Sample Name: ICSAB Acquired: 7/20/2017 16:19:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0954560	.0983695	.0517775	.0418178	.5692503	226.5921
Stddev	.0013722	.0024388	.0040212	.0014927	.0060139	.9595
%RSD	1.437509	2.479214	7.766325	3.569609	1.056458	.4234457

#1	.0963033	.0991746	.0472588	.0425633	.5747634	226.8683
#2	.0961919	.0956300	.0549623	.0400992	.5701504	225.5248
#3	.0938728	.1003040	.0531113	.0427909	.5628371	227.3832

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4461251	.4167169	.9549479	241.0349	.5487585	.4334919
Stddev	.0018772	.0021257	.0020278	.7218	.0014287	.0015168
%RSD	.4207842	.5100948	.2123521	.2994460	.2603504	.3499120

#1	.4462961	.4182511	.9526376	241.3827	.5492814	.4330650
#2	.4441682	.4142906	.9557732	240.2051	.5471420	.4351765
#3	.4479110	.4176091	.9564331	241.5170	.5498520	.4322344

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5077719	101.1091	.5010190	256.2731	.8655991	.1691041
Stddev	.0060960	.3838	.0017678	.9813	.0015202	.0005209
%RSD	1.200536	.3796065	.3528360	.3829212	.1756295	.3080638

#1	.5129287	101.4705	.5030457	256.4080	.8664585	.1697052
#2	.5010442	100.7063	.4997951	255.2313	.8664950	.1687824
#3	.5093428	101.1505	.5002162	257.1799	.8638438	.1688249

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.339746	.4369509	1.006698	-.103215	-.011683	F .1405668
Stddev	.040487	.0065739	.013079	.010919	.002882	.0027834
%RSD	1.730400	1.504484	1.299237	10.57887	24.66768	1.980094

#1	2.343091	.4427585	1.001076	-.115307	-.013856	.1379056
#2	2.378457	.4382803	.997369	-.100261	-.008414	.1403368
#3	2.297691	.4298140	1.021648	-.094076	-.012779	.1434580

Sample Name: ICSAB Acquired: 7/20/2017 16:19:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3764470	1.007052	.3393732	F .3694989	.3695444	.0005870
Stddev	.0014463	.005757	.0014855	.0035317	.0040374	.0002746
%RSD	.3841900	.5716415	.4377250	.9558147	1.092540	46.77096
#1	.3774669	1.011097	.3388382	.3656475	.3706221	.0004614
#2	.3770823	1.009597	.3382292	.3702635	.3650774	.0003978
#3	.3747918	1.000462	.3410521	.3725857	.3729335	.0009020

Elem	Sr4077
Units	ppm
Avg	.0956159
Stddev	.0006246
%RSD	.6532464
#1	.0957333
#2	.0949409
#3	.0961734

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	713.9429	1332.116	33441.97	6742.292	2372.717
Stddev	4.4557	12.014	119.89	35.164	12.850
%RSD	.6241019	.9019097	.3584914	.5215429	.5415535
#1	710.1256	1320.628	33311.51	6702.130	2363.289
#2	712.8641	1331.124	33467.12	6767.544	2367.510
#3	718.8389	1344.595	33547.29	6757.203	2387.353

Sample Name: CCV006 Acquired: 7/20/2017 16:23:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.950217	4.635537	24.03636	4.777240	4.843472	383.0338
Stddev	.028371	.035473	.11186	.024747	.031128	1.0079
%RSD	.5731292	.7652444	.4653822	.5180168	.6426775	.2631480

#1	4.954309	4.621960	24.01478	4.770677	4.826883	384.0114
#2	4.920023	4.608858	23.93687	4.756436	4.824152	381.9980
#3	4.976321	4.675793	24.15744	4.804607	4.879381	383.0921

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.570736	.4815655	2.420517	388.5260	14.87112	2.464816
Stddev	.018725	.0036049	.008305	2.7287	.05411	.010183
%RSD	.1956525	.7485820	.3430907	.7023143	.3638720	.4131318

#1	9.554786	.4775297	2.420661	385.5525	14.82039	2.461011
#2	9.566069	.4844662	2.412141	389.1100	14.92807	2.457084
#3	9.591354	.4827008	2.428748	390.9153	14.86489	2.476354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08956	394.4958	14.27462	394.4283	2.429523	1.302290
Stddev	.11641	1.8236	.08399	1.1304	.010556	.001007
%RSD	.7714435	.4622546	.5883917	.2865899	.4344712	.0773102

#1	15.20507	392.7274	14.18740	393.8265	2.426247	1.303382
#2	14.97228	394.3900	14.28150	393.7261	2.420994	1.302090
#3	15.09133	396.3700	14.35496	395.7323	2.441328	1.301398

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.6354	2.364474	15.05950	143.2600	4.921281	F 4.014899
Stddev	1.0571	.008734	.15259	.6523	.035275	.012431
%RSD	.2755390	.3693895	1.013265	.4553245	.7167751	.3096131

#1	384.5560	2.354401	15.00318	143.9069	4.901477	4.000680
#2	382.4810	2.369944	14.94307	142.6024	4.900358	4.020310
#3	383.8691	2.369078	15.23225	143.2706	4.962007	4.023707

Sample Name: CCV006 Acquired: 7/20/2017 16:23:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810435	5.130510	4.724734	4.898397	4.719626	4.956715
Stddev	.026519	.026489	.016078	.030543	.011690	.038044
%RSD	.5512863	.5163102	.3402883	.6235301	.2476785	.7675148

#1	4.800276	5.118316	4.706726	4.875638	4.713183	4.999193
#2	4.790497	5.112314	4.737645	4.886445	4.712576	4.925779
#3	4.840532	5.160901	4.729831	4.933109	4.733120	4.945173

Elem	Sr4077
Units	ppm
Avg	5.002535
Stddev	.034209
%RSD	.6838309

#1	4.979713
#2	4.986025
#3	5.041868

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	651.7718	1219.464	31256.88	6559.699	2042.641
Stddev	5.1499	7.168	145.61	11.594	9.100
%RSD	.7901364	.5877912	.4658548	.1767445	.4455104

#1	648.0377	1224.539	31121.45	6560.513	2050.084
#2	657.6468	1222.590	31410.89	6570.864	2045.343
#3	649.6308	1211.264	31238.31	6547.719	2032.495

Sample Name: CCB006 Acquired: 7/20/2017 16:27:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002584	.0001615	.0009616	.0031122	-.000448	.0057229	-.000339
Stddev	.000422	.0010768	.0015707	.0021300	.000281	.0010731	.000175
%RSD	16.32439	666.7880	163.3370	68.43947	62.75308	18.75182	51.47126

#1	-.003057	.0012979	.0027572	.0051057	-.000771	.0064663	-.000279
#2	-.002452	.0000300	-.000158	.0008679	-.000305	.0062099	-.000202
#3	-.002244	-.000844	.000285	.0033631	-.000266	.0044926	-.000536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0000450	-.000778	.0006257	.0000799	.0007924	.0008145
Stddev	.000054	.0001485	.005396	.0003033	.0003352	.0018008	.0055097
%RSD	373.4160	329.9688	693.1482	48.47384	419.4415	227.2594	676.4568

#1	-.000046	.0002165	.003325	.0005390	-.000034	-.001285	-.002182
#2	-.000045	-.000044	.001230	.0009630	.000457	.001747	.007173
#3	.000048	-.000037	-.006890	.0003753	-.000184	.001915	-.002548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	.0307244	-.000111	.0002362	-.027969	-.001603	.0015457
Stddev	.000677	.0037047	.000212	.0000460	.043154	.002054	.0119641
%RSD	706.4914	12.05791	190.7574	19.46357	154.2916	128.1433	774.0387

#1	-.000298	.0330297	-.000192	.0001968	-.001762	-.001523	-.008781
#2	-.000648	.0264510	-.000271	.0002867	-.004369	.000410	.014656
#3	.000659	.0326924	.000129	.0002252	-.077776	-.003696	-.001238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031574	-.002420	.0015723	.0008678	-.001898	-.000329	-.000296
Stddev	.010997	.003087	.0006210	.0006934	.001207	.000448	.000536
%RSD	34.82858	127.5359	39.49736	79.90716	63.60925	136.0767	181.0450

#1	-.036146	-.003214	.0017484	.0009693	-.001096	-.000611	-.000327
#2	-.039547	-.005033	.0008823	.0015048	-.003286	.000187	.000255
#3	-.019029	.000986	.0020863	.0001292	-.001311	-.000564	-.000816

Sample Name: CCB006 Acquired: 7/20/2017 16:27:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008369	.0001439	.0000137
Stddev	.0003295	.0000587	.0000279
%RSD	39.37539	40.76894	203.1300

#1	.0008211	.0001311	.0000392
#2	.0005155	.0002080	-.000016
#3	.0011740	.0000927	.000018

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	813.9165	1474.233	37839.65	7252.245	2759.351
Stddev	10.6051	8.551	243.38	52.839	10.684
%RSD	1.302976	.5800563	.6431821	.7285865	.3871866

#1	801.9119	1470.373	37562.93	7191.799	2753.421
#2	817.8246	1468.292	37935.56	7289.655	2752.947
#3	822.0130	1484.034	38020.45	7275.282	2771.685

Sample Name: PB100801BL Acquired: 7/20/2017 16:32:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014144	-.000227	.0001139	.0013429	-.000770	.0110781	-.000043
Stddev	.0006379	.000774	.0005802	.0011908	.000399	.0046853	.000158
%RSD	45.10107	340.8869	509.4697	88.67578	51.77853	42.29359	368.0304

#1	.0007529	.000286	.0007735	.0002031	-.000838	.0157998	.000070
#2	.0020258	-.001117	-.000115	.0025789	-.000341	.0064301	.000025
#3	.0014646	.000150	-.000317	.0012467	-.001130	.0110044	-.000224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	-.000126	.0003619	.0005102	-.000123	.0015567	.0118238
Stddev	.000056	.000115	.0111654	.0001797	.000176	.0009438	.0113034
%RSD	1207.432	91.27588	3085.121	35.21641	142.9152	60.62770	95.59836

#1	-.000022	-.000044	.0088640	.0003465	-.000303	.0006989	.0138879
#2	-.000050	-.000076	.0045045	.0007024	-.000114	.0025678	.0219530
#3	.000058	-.000257	-.012283	.0004816	.000048	.0014035	-.000369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000105	.0100978	-.000110	.0002337	.0411303	.0004219	-.010753
Stddev	.0005176	.0234647	.000112	.0000497	.0479668	.0020460	.002448
%RSD	4950.248	232.3754	101.7954	21.27615	116.6216	484.9315	22.76405

#1	.0005884	-.015095	-.000062	.0001793	.0922743	-.001934	-.009590
#2	-.000147	.031331	-.000030	.0002768	.0339708	.001442	-.009103
#3	-.000410	.014057	-.000239	.0002451	-.002854	.001758	-.013565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024490	.0034065	-.005980	-.000103	-.005810	-.001895	.0012595
Stddev	.009850	.0013459	.000773	.000171	.005416	.000513	.0014960
%RSD	40.21923	39.50825	12.93450	165.8141	93.22165	27.05925	118.7799

#1	-.018784	.0048616	-.006039	-.000036	-.001754	-.002483	.0001334
#2	-.035863	.0022063	-.006722	.000024	-.011960	-.001539	.0029569
#3	-.018822	.0031516	-.005179	-.000297	-.003714	-.001664	.0006880

Sample Name: PB100801BL Acquired: 7/20/2017 16:32:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006508	-.000694	.0000638
Stddev	.0001541	.000101	.0000429
%RSD	23.67229	14.57345	67.24909

#1	.0005592	-.000700	.0000697
#2	.0008286	-.000792	.0001036
#3	.0005644	-.000590	.0000183

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	824.8636	1486.777	38028.35	7229.242	2769.788
Stddev	5.9793	18.142	137.56	37.851	25.470
%RSD	.7248866	1.220190	.3617247	.5235760	.9195506

#1	827.3234	1476.549	37887.51	7188.258	2753.028
#2	818.0467	1476.059	38035.18	7236.585	2757.239
#3	829.2206	1507.723	38162.37	7262.882	2799.097

Sample Name: PB100801BS Acquired: 7/20/2017 16:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143524	.0476457	.0185115	.0703845	.1109524	.3585704
Stddev	.0020777	.0015751	.0015600	.0016169	.0007550	.0030754
%RSD	14.47660	3.305844	8.427234	2.297171	.6804721	.8576933

#1	.0137730	.0475517	.0191440	.0691830	.1106101	.3596475
#2	.0166584	.0492657	.0196559	.0722228	.1118179	.3609624
#3	.0126259	.0461197	.0167345	.0697476	.1104291	.3551013

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3529559	.0078721	.0096234	9.548467	F .0283392	.0826087
Stddev	.0017703	.0001492	.0000844	.051664	.0006477	.0003619
%RSD	.5015545	1.895479	.8770054	.5410689	2.285335	.4381158

#1	.3549749	.0080321	.0096633	9.488919	.0288837	.0827247
#2	.3522228	.0078474	.0095265	9.575135	.0285109	.0828984
#3	.3516698	.0077368	.0096805	9.581347	.0276230	.0822030

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492245	.2407523	.0314894	9.895297	.0687327	.0157445
Stddev	.0008435	.0073752	.0009097	.036482	.0006380	.0001507
%RSD	1.713523	3.063391	2.889017	.3686823	.9282458	.9568877

#1	.0500856	.2465283	.0315978	9.869072	.0681533	.0158683
#2	.0483998	.2324448	.0305303	9.936960	.0686284	.0157884
#3	.0491883	.2432839	.0323400	9.879858	.0694165	.0155767

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.083067	.0893053	.1177104	8.424164	F .0289384	.0123619
Stddev	.087195	.0015670	.0109522	.067488	.0014801	.0006977
%RSD	.9599692	1.754656	9.304360	.8011185	5.114744	5.644272

#1	9.175006	.0875139	.1162627	8.495029	.0273014	.0128312
#2	9.072641	.0899810	.1293145	8.360656	.0301823	.0126943
#3	9.001554	.0904211	.1075541	8.416809	.0293316	.0115601

Sample Name: PB100801BS Acquired: 7/20/2017 16:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212905	.1524213	.1705749	F .0132079	.1889786	.0948147
Stddev	.0004245	.0052959	.0011015	.0020080	.0005680	.0003518
%RSD	1.994049	3.474487	.6457311	15.20268	.3005377	.3710231

#1	.0212844	.1464346	.1706764	.0155014	.1894492	.0952039
#2	.0217181	.1543352	.1716221	.0123557	.1883478	.0947208
#3	.0208691	.1564942	.1694262	.0117667	.1891390	.0945194

Elem	Sr4077
Units	ppm
Avg	.1962850
Stddev	.0004908
%RSD	.2500609

#1	.1967752
#2	.1962863
#3	.1957936

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	791.4594	1425.619	37090.32	7146.654	2721.546
Stddev	5.2357	13.330	57.46	42.753	16.308
%RSD	.6615300	.9350324	.1549095	.5982246	.5992022

#1	791.7649	1413.266	37093.40	7104.226	2705.287
#2	786.0776	1423.842	37031.39	7146.011	2721.450
#3	796.5357	1439.748	37146.18	7189.724	2737.902

Sample Name: PB100800BL Acquired: 7/20/2017 17:00:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.002098	F .0008868	F .0001389	F .0016197	F -.002865	F .0005407
Stddev	.003167	.0009960	.0006582	.0015050	.000822	.0019017
%RSD	150.9705	112.3226	473.9554	92.91537	28.70167	351.6877

#1	-.002701	.0016676	.0003832	.0008628	-.003184	.0007571
#2	.001328	.0012277	-.000607	.0006434	-.001931	-.001460
#3	-.004921	-.000235	.000640	.0033529	-.003480	.002325

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000537	F -.000007	F -.000064	F -.010826	F .0008064	F -.000023
Stddev	.000199	.000092	.000171	.004125	.0004630	.000224
%RSD	36.94378	1304.198	266.9600	38.10352	57.41878	983.6738

#1	-.000696	-.000086	-.000048	-.015071	.0012322	-.000186
#2	-.000315	.000093	.000098	-.006832	.0003135	.000232
#3	-.000602	-.000028	-.000243	-.010574	.0008734	-.000115

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0008295	F -.008979	F .0000785	F .0019744	F -.000100	F -.000016
Stddev	.0010725	.018277	.0004853	.0307077	.000206	.000359
%RSD	129.3076	203.5419	618.1196	1555.322	206.9339	2307.012

#1	.0019772	-.014063	.0006328	-.013636	-.000275	.000185
#2	.0006584	-.024176	-.000127	-.017792	.000127	-.000431
#3	-.000147	.011301	-.000270	.037351	-.000151	.000199

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.019491	F .0003495	F .0000849	F -.072618	F -.002639	F -.010840
Stddev	.033380	.0030540	.0064167	.012263	.003136	.000760
%RSD	171.2610	873.8730	7560.501	16.88743	118.7942	7.014471

#1	.014626	-.003084	-.004051	-.074759	-.000688	-.011498
#2	-.021017	.002762	-.003171	-.083669	-.000975	-.011015
#3	-.052081	.001370	.007477	-.059425	-.006256	-.010007

Sample Name: PB100800BL Acquired: 7/20/2017 17:00:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000392	-.001526	-.001578	F .0010877	.0004545	-.001263
Stddev	.000293	.003707	.000625	.0019206	.0001980	.000294
%RSD	74.68668	242.8314	39.64338	176.5695	43.57448	23.31819

#1	-.000079	.001307	-.001198	.0005477	.0006824	-.001127
#2	-.000437	-.000165	-.002299	-.000505	.0003242	-.001600
#3	-.000660	-.005721	-.001235	.003220	.0003569	-.001061

Elem	Sr4077
Units	ppm
Avg	-.000105
Stddev	.000021
%RSD	19.84558

#1	-.000112
#2	-.000082
#3	-.000122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	796.5747	1448.931	37314.11	7463.379	2730.674
Stddev	3.2977	6.337	161.00	316.397	14.456
%RSD	.4139857	.4373821	.4314731	4.239332	.5293830

#1	792.7677	1447.548	37145.92	7201.119	2724.755
#2	798.4115	1443.400	37466.80	7814.787	2720.117
#3	798.5451	1455.846	37329.62	7374.233	2747.150

Sample Name: I4236-22 Acquired: 7/20/2017 17:16:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1516858	.0913127	1.259001	.0762761	.0448830	118.4666	5.746170
Stddev	.0033699	.0029384	.001881	.0009464	.0015026	.3770	.020249
%RSD	2.221649	3.217961	.1493814	1.240758	3.347934	.3182449	.3523987

#1	.1542494	.0892414	1.257400	.0763028	.0432296	118.6113	5.754673
#2	.1478688	.0900210	1.258531	.0753166	.0452538	118.7498	5.760781
#3	.1529392	.0946757	1.261072	.0772089	.0461655	118.0387	5.723055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0842841	.1471313	55.81705	.5749036	1.018269	.7925068	214.3504
Stddev	.0008371	.0011328	.52537	.0038529	.003940	.0070316	.6440
%RSD	.9931787	.7699024	.9412436	.6701747	.3868898	.8872620	.3004201

#1	.0848515	.1464253	55.42659	.5774069	1.014579	.7973639	214.1277
#2	.0846780	.1465308	55.61019	.5768370	1.017811	.7957130	213.8474
#3	.0833227	.1484379	56.41437	.5704669	1.022418	.7844436	215.0761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48705	39.01533	1.108768	.0383590	1.862116	1.106542	4.858271
Stddev	.04425	.12224	.006106	.0000746	.042522	.007332	.088262
%RSD	.4219735	.3133116	.5506622	.1945797	2.283539	.6626422	1.816731

#1	10.45945	38.96670	1.105703	.0384384	1.856703	1.109207	4.790020
#2	10.46360	39.15440	1.104802	.0382904	1.907085	1.098250	4.826848
#3	10.53809	38.92490	1.115799	.0383480	1.822559	1.112170	4.957944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.99357	5.472337	-.475199	.0119375	3.367243	6.487544	.0298067
Stddev	.11943	.033419	.002492	.0003234	.010625	.108911	.0018248
%RSD	.5973507	.6106904	.5243111	2.709141	.3155260	1.678773	6.122155

#1	20.02560	5.500010	-.477280	.0122020	3.365047	6.404057	.0294746
#2	20.09372	5.435209	-.475880	.0120335	3.357889	6.610738	.0317747
#3	19.86139	5.481792	-.472438	.0115770	3.378795	6.447839	.0281707

Sample Name: I4236-22 Acquired: 7/20/2017 17:16:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6937995	.1157717	.4335480
Stddev	.0059290	.0016878	.0010792
%RSD	.8545720	1.457891	.2489309

#1	.6915125	.1155668	.4326272
#2	.6893546	.1175526	.4347356
#3	.7005315	.1141956	.4332812

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	830.0507	1524.910	39111.69	7885.546	2525.590
Stddev	7.9862	1.979	17.56	34.892	5.348
%RSD	.9621373	.1297725	.0448914	.4424743	.2117642

#1	833.7755	1523.922	39102.90	7866.310	2528.117
#2	835.4940	1527.188	39100.26	7864.506	2529.206
#3	820.8825	1523.620	39131.90	7925.822	2519.446

Sample Name: I4236-20LX5 Acquired: 7/20/2017 17:20:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167524	-.006634	.2529451	-.000141	.0009796	24.32699	.5256648
Stddev	.0019708	.003192	.0002373	.003471	.0001678	.02534	.0012672
%RSD	11.76419	48.11991	.0938083	2470.224	17.13303	.1041786	.2410605

#1	.0145267	-.008052	.2528430	.003724	.0010343	24.33674	.5266321
#2	.0174545	-.008872	.2527759	-.001153	.0007912	24.34601	.5242304
#3	.0182760	-.002978	.2532163	-.002993	.0011133	24.29822	.5261319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021845	.0113021	11.13151	.0395480	.0234783	.0761899	50.14464
Stddev	.0000954	.0002229	.05410	.0006985	.0006427	.0003888	.14962
%RSD	4.368021	1.971739	.4860291	1.766267	2.737621	.5102477	.2983805

#1	.0020953	.0111394	11.07740	.0387763	.0228863	.0763153	49.97254
#2	.0022851	.0115561	11.13151	.0401370	.0241619	.0765006	50.24383
#3	.0021730	.0112108	11.18561	.0397306	.0233867	.0757540	50.21754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.058179	8.789761	.0426274	.0003000	.3716652	.0635408	.8093191
Stddev	.002593	.079020	.0005141	.0000849	.0174537	.0016632	.0490192
%RSD	.1259790	.8990054	1.205988	28.27995	4.696092	2.617546	6.056845

#1	2.055257	8.717381	.0427433	.0002023	.3525400	.0616281	.8314681
#2	2.060204	8.777836	.0430737	.0003435	.3757228	.0643475	.7531341
#3	2.059077	8.874066	.0420653	.0003543	.3867327	.0646468	.8433550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.223591	1.153095	-.120789	.0007060	.5154641	1.093907	.0059763
Stddev	.013247	.008493	.000437	.0005715	.0056683	.026094	.0016269
%RSD	.3136481	.7365211	.3619836	80.94475	1.099651	2.385420	27.22201

#1	4.234533	1.152405	-.120328	.0004400	.5113170	1.089377	.0078491
#2	4.208863	1.161912	-.121198	.0013620	.5219229	1.070375	.0051668
#3	4.227376	1.144968	-.120841	.0003160	.5131522	1.121970	.0049130

Sample Name: I4236-20LX5 Acquired: 7/20/2017 17:20:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1250943	.0242467	.0905837
Stddev	.0013381	.0001293	.0002799
%RSD	1.069652	.5330727	.3089355

#1	.1244884	.0242119	.0906872
#2	.1241663	.0241385	.0902669
#3	.1266281	.0243898	.0907971

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	834.7200	1527.826	38120.94	7530.229	2767.808
Stddev	10.8429	19.853	241.97	28.876	29.874
%RSD	1.298985	1.299445	.6347473	.3834647	1.079346

#1	828.0877	1526.423	37923.81	7497.216	2778.341
#2	847.2328	1508.712	38390.98	7542.686	2734.095
#3	828.8395	1548.344	38048.03	7550.786	2790.990

Sample Name: I4235-01 Acquired: 7/20/2017 17:24:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907045	-.026417	3.688714	-.007530	.0064150	67.77124	1.601213
Stddev	.0058847	.000503	.038401	.000754	.0024527	.16771	.004583
%RSD	6.487809	1.905581	1.041054	10.01690	38.23398	.2474651	.2862004

#1	.0880318	-.025955	3.661383	-.006691	.0086480	67.60139	1.596463
#2	.0866304	-.026953	3.672141	-.007745	.0037898	67.93673	1.605607
#3	.0974513	-.026343	3.732620	-.008153	.0068071	67.77559	1.601570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074556	.4041414	151.5835	.1001235	.0764414	.8651676	198.7643
Stddev	.0001018	.0031149	.6540	.0006754	.0005295	.0074953	.6284
%RSD	1.365964	.7707412	.4314619	.6745197	.6926815	.8663367	.3161565

#1	.0074830	.4011879	151.3766	.1003010	.0766955	.8607552	198.0961
#2	.0073429	.4038404	151.0579	.1006924	.0758327	.8738219	198.8533
#3	.0075409	.4073958	152.3159	.0993771	.0767959	.8609258	199.3434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.678948	46.89564	.1664784	.0064927	2.354689	.1882385	17.21825
Stddev	.010236	.21422	.0023444	.0002979	.049813	.0022108	.04282
%RSD	.2187690	.4567998	1.408206	4.588081	2.115464	1.174486	.2486645

#1	4.673047	46.77533	.1662527	.0068345	2.404193	.1857389	17.26469
#2	4.673031	46.76863	.1642551	.0062885	2.304573	.1899375	17.20971
#3	4.690768	47.14297	.1689275	.0063550	2.355301	.1890391	17.18034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.51553	7.784393	-.417576	.0144272	6.945356	2.385082	.0466082
Stddev	.09210	.092021	.002162	.0005619	.069252	.013146	.0016960
%RSD	.6814702	1.182119	.5177647	3.894774	.9971017	.5511660	3.638775

#1	13.43221	7.744956	-.415124	.0146878	6.926833	2.380624	.0483178
#2	13.61444	7.718663	-.418396	.0148115	6.887249	2.374745	.0465805
#3	13.49995	7.889559	-.419209	.0137823	7.021986	2.399877	.0449262

Sample Name: I4235-01 Acquired: 7/20/2017 17:24:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8839928	.0687136	.3486726
Stddev	.0027248	.0002085	.0010609
%RSD	.3082350	.3034479	.3042747

#1	.8812247	.0685143	.3474597
#2	.8840816	.0689302	.3494284
#3	.8866721	.0686963	.3491295

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	795.3705	1482.728	37675.40	7720.582	2517.340
Stddev	6.6682	15.565	206.55	12.738	21.259
%RSD	.8383747	1.049742	.5482263	.1649818	.8445055

#1	789.3719	1484.346	37543.49	7719.353	2520.420
#2	794.1891	1497.420	37569.28	7708.504	2536.891
#3	802.5504	1466.417	37913.43	7733.890	2494.709

Sample Name: I4235-02 Acquired: 7/20/2017 17:28:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0740680	-.016604	4.808052	-.000624	.0015446	53.69135	1.530383
Stddev	.0058689	.003007	.142844	.003856	.0016068	.15893	.005460
%RSD	7.923716	18.11007	2.970936	617.7021	104.0264	.2960053	.3567957

#1	.0762475	-.013522	4.719936	-.001982	.0025081	53.57541	1.529711
#2	.0785355	-.019530	4.972862	-.003618	-.000310	53.87251	1.536148
#3	.0674211	-.016761	4.731357	.003727	.002436	53.62612	1.525289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055136	.2822795	87.88488	.0960185	.0523608	.6665858	117.9339
Stddev	.0001154	.0099609	.36609	.0003772	.0017591	.0057067	.4163
%RSD	2.093351	3.528720	.4165528	.3928960	3.359630	.8561080	.3529577

#1	.0053807	.2767256	87.47601	.0962320	.0513964	.6671124	117.4894
#2	.0055886	.2937791	87.99637	.0955829	.0543912	.6720109	118.3146
#3	.0055715	.2763338	88.18227	.0962406	.0512947	.6606340	117.9977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.039145	33.59007	.1295263	.0041774	2.426706	.1519771	13.46371
Stddev	.008281	.03874	.0039377	.0003954	.022239	.0028464	.05133
%RSD	.2724624	.1153451	3.040097	9.465512	.9164308	1.872932	.3812365

#1	3.029913	33.62788	.1269852	.0041533	2.406868	.1550732	13.51849
#2	3.045917	33.59188	.1340622	.0045843	2.450747	.1494736	13.45589
#3	3.041604	33.55045	.1275315	.0037945	2.422503	.1513845	13.41673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.800062	8.715373	-.187893	.0136735	7.605831	2.118183	.0290558
Stddev	.081037	.234224	.002543	.0012252	.201155	.056523	.0015095
%RSD	.8269058	2.687484	1.353533	8.960434	2.644742	2.668488	5.195043

#1	9.852201	8.583303	-.185471	.0132194	7.484916	2.169047	.0307382
#2	9.841283	8.985807	-.190542	.0150609	7.838038	2.128171	.0286090
#3	9.706701	8.577008	-.187664	.0127401	7.494540	2.057332	.0278202

Sample Name: I4235-02 Acquired: 7/20/2017 17:28:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7696494	.0524913	.2854285
Stddev	.0034034	.0001249	.0009425
%RSD	.4422024	.2380251	.3301971

#1	.7657244	.0525303	.2851395
#2	.7717817	.0525921	.2864817
#3	.7714421	.0523515	.2846645

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	804.1604	1485.109	37881.06	7771.615	2574.145
Stddev	6.8547	23.548	146.60	27.495	57.718
%RSD	.8524023	1.585597	.3869924	.3537889	2.242223

#1	797.2050	1499.394	37713.11	7772.867	2606.177
#2	804.3665	1457.931	37946.74	7743.515	2507.514
#3	810.9098	1498.004	37983.33	7798.463	2608.744

Sample Name: I4235-03 Acquired: 7/20/2017 17:32:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562434	-.018628	1.831643	-.004865	.0037272	62.76704	1.173735
Stddev	.0056036	.001546	.018521	.002937	.0024987	1.71678	.030661
%RSD	9.963116	8.299772	1.011175	60.36627	67.03947	2.735168	2.612280

#1	.0572454	-.016884	1.846083	-.001544	.0027093	63.78268	1.194237
#2	.0502064	-.019171	1.838085	-.007121	.0065742	60.78488	1.138487
#3	.0612784	-.019830	1.810761	-.005929	.0018981	63.73357	1.188481

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068100	.0479805	303.7191	.1147467	.0627455	.3635559	146.1916
Stddev	.0001910	.0004875	5.6244	.0017590	.0012082	.0124847	2.9990
%RSD	2.805212	1.016049	1.851854	1.532973	1.925515	3.434055	2.051411

#1	.0067602	.0479528	305.6671	.1154510	.0624836	.3705945	147.6347
#2	.0066487	.0484812	297.3796	.1127447	.0640631	.3491412	142.7438
#3	.0070210	.0475074	308.1105	.1160444	.0616897	.3709322	148.1962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.382053	74.17042	.1664441	.0013980	1.222853	.1793520	5.094027
Stddev	.091753	1.69453	.0014298	.0003200	.019883	.0078818	.034784
%RSD	2.093825	2.284642	.8590442	22.89185	1.625920	4.394617	.6828295

#1	4.427553	75.08296	.1671270	.0013679	1.241669	.1796480	5.118623
#2	4.276443	72.21519	.1674044	.0010941	1.202053	.1713263	5.054230
#3	4.442165	75.21310	.1648008	.0017320	1.224837	.1870816	5.109227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.13712	11.38676	-.317155	.0064447	4.953091	4.040006	.0164037
Stddev	.40477	.16502	.004697	.0007080	.081007	.092339	.0020730
%RSD	3.081118	1.449199	1.480823	10.98586	1.635477	2.285628	12.63752

#1	13.41943	11.45387	-.321045	.0063325	5.014413	4.061638	.0179947
#2	12.67338	11.50766	-.311937	.0072022	4.983600	3.938771	.0171571
#3	13.31856	11.19877	-.318482	.0057996	4.861260	4.119609	.0140593

Sample Name: I4235-03 Acquired: 7/20/2017 17:32:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6Q2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7745509	.0694525	.4489209
Stddev	.0205560	.0019042	.0101998
%RSD	2.653924	2.741690	2.272068

#1	.7867299	.0710426	.4557926
#2	.7508176	.0673423	.4372013
#3	.7861051	.0699727	.4537688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	781.1175	1474.200	36732.42	7760.026	2455.872
Stddev	3.1565	18.653	137.43	144.914	25.841
%RSD	.4040975	1.265274	.3741352	1.867443	1.052228

#1	784.5500	1462.582	36634.29	7661.015	2440.501
#2	780.4629	1464.302	36889.49	7926.355	2441.409
#3	778.3397	1495.715	36673.48	7692.709	2485.707

Sample Name: I4235-04 Acquired: 7/20/2017 17:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658904	-.023991	1.255889	.0000763	.0034757	76.05724	1.990462
Stddev	.0048458	.002796	.002015	.0066599	.0005400	.15979	.010097
%RSD	7.354398	11.65407	.1604353	8728.246	15.53602	.2100931	.5072922

#1	.0604602	-.025162	1.253778	.0008185	.0031139	76.23957	2.001912
#2	.0697746	-.026010	1.256099	.0063340	.0032169	75.94160	1.982830
#3	.0674364	-.020800	1.257791	-.006924	.0040964	75.99054	1.986645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069665	.0511426	101.5073	.1279972	.0696438	.6734778	164.0201
Stddev	.0000586	.0001081	.6895	.0013775	.0001413	.0048190	.5747
%RSD	.8406573	.2113833	.6792727	1.076176	.2029274	.7155380	.3503663

#1	.0069705	.0512669	100.7323	.1264202	.0696647	.6772777	163.4375
#2	.0070230	.0510706	102.0529	.1286061	.0697736	.6750983	164.5866
#3	.0069061	.0510905	101.7366	.1289653	.0694932	.6680575	164.0361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.250286	41.58335	.2013875	.0011072	1.113229	.1902400	3.546029
Stddev	.020678	.22341	.0002583	.0003062	.028582	.0009838	.043662
%RSD	.4865011	.5372592	.1282689	27.65885	2.567474	.5171224	1.231303

#1	4.226441	41.81621	.2016707	.0007837	1.129411	.1893623	3.591730
#2	4.261142	41.56307	.2011649	.0013926	1.130048	.1900544	3.504740
#3	4.263274	41.37077	.2013267	.0011454	1.080227	.1913034	3.541618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.63396	12.59397	-.357525	.0063572	3.939653	4.771641	.0321765
Stddev	.08701	.02952	.001137	.0009889	.011517	.042694	.0014083
%RSD	.5230686	.2344272	.3180737	15.55623	.2923421	.8947500	4.376690

#1	16.72939	12.55988	-.357887	.0057427	3.926443	4.809004	.0337898
#2	16.55904	12.61110	-.358438	.0058309	3.944930	4.780813	.0315469
#3	16.61343	12.61094	-.356251	.0074980	3.947587	4.725106	.0311929

Sample Name: I4235-04 Acquired: 7/20/2017 17:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7671918	.0786551	.3036364
Stddev	.0015726	.0009312	.0006861
%RSD	.2049805	1.183898	.2259621

#1	.7656949	.0796923	.3044164
#2	.7670499	.0783817	.3033667
#3	.7688305	.0778911	.3031262

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	809.8170	1531.620	38179.05	7864.372	2567.136
Stddev	3.3595	8.075	95.79	21.904	6.601
%RSD	.4148475	.5271959	.2509012	.2785225	.2571381

#1	806.0220	1525.850	38096.91	7845.886	2563.564
#2	811.0178	1528.163	38155.96	7858.665	2563.092
#3	812.4110	1540.848	38284.28	7888.564	2574.754

Sample Name: I4235-05 Acquired: 7/20/2017 17:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0422453	-.017231	.9187714	-.002792	.0031194	51.06967	1.856028
Stddev	.0026159	.001520	.0043434	.004980	.0008990	.11646	.002456
%RSD	6.192205	8.821059	.4727407	178.3773	28.81932	.2280352	.1323271

#1	.0392967	-.018973	.9139109	.001531	.0021275	51.07734	1.855257
#2	.0442872	-.016551	.9201309	-.008238	.0033503	51.18210	1.858777
#3	.0431521	-.016170	.9222725	-.001669	.0038804	50.94956	1.854050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056585	.0487913	217.6753	.1213703	.0486490	.3839186	132.2266
Stddev	.0000922	.0004243	1.0605	.0016013	.0005507	.0022461	.4789
%RSD	1.629624	.8696614	.4871838	1.319317	1.131929	.5850574	.3621979

#1	.0056036	.0489572	217.0350	.1197687	.0492447	.3818778	132.0951
#2	.0056069	.0483091	217.0914	.1213710	.0481585	.3863252	131.8272
#3	.0057649	.0491077	218.8994	.1229713	.0485437	.3835527	132.7576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.722190	68.57068	.1465710	.0012072	1.520884	.1776962	3.326762
Stddev	.011884	.17976	.0013561	.0000306	.045548	.0018827	.067863
%RSD	.4365594	.2621589	.9251978	2.532885	2.994861	1.059479	2.039902

#1	2.714589	68.39059	.1465613	.0011746	1.520926	.1781071	3.378230
#2	2.716095	68.57133	.1452197	.0012352	1.566410	.1793395	3.352200
#3	2.735885	68.75012	.1479318	.0012120	1.475314	.1756420	3.249856

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.118122	6.273857	-.165658	.0195027	3.769449	2.068681	.0458493
Stddev	.046593	.011227	.001160	.0005274	.017738	.017836	.0038536
%RSD	.6545705	.1789421	.7001121	2.704199	.4705671	.8621684	8.404976

#1	7.115006	6.276060	-.166829	.0196681	3.775768	2.061029	.0433487
#2	7.166195	6.261692	-.164509	.0199276	3.749417	2.055948	.0502872
#3	7.073165	6.283819	-.165636	.0189125	3.783161	2.089066	.0439119

Sample Name: I4235-05 Acquired: 7/20/2017 17:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.047900	.0560346	.3869866
Stddev	.000405	.0003573	.0010773
%RSD	.0386825	.6376483	.2783903

#1	1.048319	.0563834	.3873629
#2	1.047873	.0560511	.3857716
#3	1.047509	.0556693	.3878253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	789.4430	1488.419	36682.33	7666.603	2537.978
Stddev	14.7432	7.761	282.65	23.454	6.269
%RSD	1.867542	.5214136	.7705477	.3059248	.2469906

#1	773.2976	1482.646	36371.00	7639.635	2533.714
#2	792.8406	1485.370	36753.15	7682.236	2535.044
#3	802.1907	1497.242	36922.84	7677.939	2545.175

Sample Name: I4235-06 Acquired: 7/20/2017 17:44:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689437	-.022517	.9299996	.0001845	.0021004	69.16902	1.474185
Stddev	.0039129	.002071	.0073148	.0022973	.0010723	.28246	.006617
%RSD	5.675554	9.197430	.7865398	1245.141	51.05306	.4083689	.4488579

#1	.0704749	-.020229	.9306075	-.001678	.0009449	69.42508	1.481102
#2	.0644968	-.023056	.9369914	-.000521	.0022926	69.21596	1.473536
#3	.0718596	-.024265	.9223998	.002752	.0030635	68.86603	1.467916

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063931	.0582604	374.0048	.1318405	.0577726	.4499472	141.4534
Stddev	.0001478	.0003357	.3315	.0015814	.0004263	.0026848	.1531
%RSD	2.312731	.5761760	.0886408	1.199486	.7379053	.5966992	.1082682

#1	.0064357	.0586427	374.3875	.1322023	.0580745	.4529814	141.4710
#2	.0062286	.0581243	373.8215	.1301095	.0579583	.4489812	141.5970
#3	.0065150	.0580141	373.8054	.1332096	.0572849	.4478790	141.2922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.804803	57.14591	.1645085	.0011195	1.449375	.1724325	2.738250
Stddev	.002912	.20564	.0015297	.0002904	.116236	.0027066	.029003
%RSD	.0765261	.3598429	.9298458	25.93871	8.019723	1.569632	1.059174

#1	3.805071	57.18427	.1662456	.0010071	1.581901	.1694504	2.753613
#2	3.807571	57.32966	.1639169	.0014493	1.401510	.1747333	2.704797
#3	3.801767	56.92379	.1633630	.0009022	1.364715	.1731138	2.756339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.23751	10.73769	-.295094	.0082594	4.277090	4.990786	.0241058
Stddev	.06527	.04676	.002963	.0006554	.010842	.163833	.0008950
%RSD	.4584634	.4354846	1.004008	7.935534	.2534864	3.282710	3.712645

#1	14.30793	10.77038	-.298111	.0080634	4.274208	4.838272	.0231534
#2	14.22558	10.75856	-.294983	.0089904	4.289082	5.163975	.0249294
#3	14.17903	10.68413	-.292188	.0077242	4.267981	4.970110	.0242345

Sample Name: I4235-06 Acquired: 7/20/2017 17:44:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7560827	.0708933	.5900856
Stddev	.0031553	.0001254	.0019565
%RSD	.4173271	.1768476	.3315670

#1	.7596397	.0709931	.5912653
#2	.7536207	.0709343	.5911644
#3	.7549876	.0707526	.5878272

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	807.8482	1509.686	37260.08	7741.948	2467.005
Stddev	9.7891	4.413	390.65	48.109	4.480
%RSD	1.211751	.2923237	1.048449	.6214097	.1815899

#1	798.8083	1511.626	36990.00	7699.038	2466.024
#2	818.2450	1504.635	37708.02	7732.849	2463.097
#3	806.4913	1512.797	37082.24	7793.957	2471.894

Sample Name: I4235-07 Acquired: 7/20/2017 17:48:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0914108	-.031980	3.305204	-.006741	.0071651	72.28321	1.932184
Stddev	.0016745	.000241	.022201	.001683	.0034070	.09500	.004425
%RSD	1.831841	.7521862	.6716843	24.97196	47.54959	.1314280	.2290292

#1	.0917480	-.032222	3.280367	-.005779	.0035179	72.31232	1.937100
#2	.0928911	-.031977	3.312124	-.005759	.0102658	72.17706	1.928520
#3	.0895934	-.031741	3.323120	-.008685	.0077116	72.36025	1.930930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074426	.2315750	121.5791	.1467731	.0729391	.8203966	213.2820
Stddev	.0000684	.0013775	1.0141	.0001574	.0001391	.0056243	1.2564
%RSD	.9192852	.5948206	.8340824	.1072038	.1907045	.6855536	.5890816

#1	.0074306	.2300650	120.4257	.1466381	.0730314	.8262225	211.8590
#2	.0075162	.2327628	121.9810	.1469459	.0730068	.8199690	213.7490
#3	.0073809	.2318971	122.3306	.1467354	.0727791	.8149983	214.2380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.811966	39.40750	.1900416	.0046193	1.657626	.1982890	10.35869
Stddev	.017591	.10444	.0007007	.0002488	.093904	.0015258	.05864
%RSD	.3655655	.2650236	.3686868	5.385144	5.664961	.7694732	.5661011

#1	4.792031	39.38939	.1899781	.0049063	1.653954	.1997511	10.31527
#2	4.825310	39.31330	.1893748	.0044864	1.565612	.1967067	10.33541
#3	4.818556	39.51981	.1907718	.0044652	1.753312	.1984093	10.42540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.40718	17.38354	-.488527	.0081289	5.628112	2.499316	.0734466
Stddev	.08086	.05424	.002822	.0003357	.032929	.028842	.0026766
%RSD	.4645405	.3120075	.5777225	4.129800	.5850887	1.154011	3.644267

#1	17.49632	17.32371	-.490712	.0085066	5.591001	2.528892	.0704162
#2	17.38668	17.42948	-.489530	.0080154	5.639495	2.497787	.0744357
#3	17.33855	17.39744	-.485341	.0078646	5.653839	2.471268	.0754879

Sample Name: I4235-07 Acquired: 7/20/2017 17:48:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6Q6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6433273	.0752914	.3545823
Stddev	.0032635	.0010221	.0005159
%RSD	.5072885	1.357500	.1454969

#1	.6402166	.0764685	.3548351
#2	.6467248	.0746295	.3549230
#3	.6430405	.0747761	.3539888

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	818.6969	1554.144	38303.69	7947.353	2591.623
Stddev	3.6166	2.930	56.79	26.113	3.800
%RSD	.4417464	.1885219	.1482742	.3285718	.1466278

#1	815.0158	1550.764	38238.68	7922.821	2595.159
#2	822.2453	1555.701	38343.71	7944.436	2592.106
#3	818.8298	1555.967	38328.67	7974.802	2587.605

Sample Name: I4235-08 Acquired: 7/20/2017 17:52:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846105	-.025701	2.922406	-.002879	.0079194	74.39486	1.935161
Stddev	.0027205	.001999	.006365	.004429	.0016949	.23244	.002793
%RSD	3.215355	7.778469	.2177874	153.8680	21.40174	.3124392	.1443047

#1	.0818385	-.027243	2.915813	.001716	.0070671	74.66096	1.938083
#2	.0847166	-.023442	2.922890	-.003231	.0068198	74.23146	1.934880
#3	.0872765	-.026418	2.928514	-.007121	.0098713	74.29216	1.932519

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074609	.2149759	174.0728	.1522156	.0734283	1.327016	188.8722
Stddev	.0000960	.0010629	.5247	.0002990	.0004496	.003512	.2570
%RSD	1.287159	.4944139	.3013975	.1964246	.6123013	.2646381	.1360648

#1	.0075482	.2137538	174.5996	.1523825	.0732661	1.330319	189.1620
#2	.0073581	.2154892	174.0686	.1523939	.0730824	1.327402	188.7824
#3	.0074765	.2156848	173.5503	.1518704	.0739366	1.323327	188.6721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.304074	40.86070	.1930711	.0041323	2.027671	.2005511	9.804772
Stddev	.010665	.15283	.0009056	.0001911	.053770	.0032485	.011608
%RSD	.2010717	.3740172	.4690362	4.625279	2.651793	1.619769	.1183943

#1	5.316228	41.03421	.1921353	.0039140	2.060106	.1980753	9.815425
#2	5.299720	40.80179	.1939430	.0042693	1.965604	.2042294	9.792400
#3	5.296275	40.74609	.1931349	.0042137	2.057303	.1993488	9.806490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.30313	17.87067	-.409675	.0065721	5.944314	5.705833	.0666898
Stddev	.09274	.09648	.002124	.0005014	.011790	.064826	.0033854
%RSD	.5066841	.5398984	.5183467	7.628555	.1983363	1.136136	5.076391

#1	18.40336	17.75955	-.410364	.0060131	5.930704	5.761432	.0679355
#2	18.22036	17.91927	-.411367	.0067214	5.950834	5.634628	.0628580
#3	18.28567	17.93318	-.407292	.0069819	5.951403	5.721438	.0692759

Sample Name: I4235-08 Acquired: 7/20/2017 17:52:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7632400	.0772372	.3913129
Stddev	.0013568	.0006859	.0010550
%RSD	.1777652	.8879757	.2696067

#1	.7647780	.0779383	.3923057
#2	.7627293	.0772057	.3914278
#3	.7622126	.0765677	.3902051

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	815.3500	1551.342	38070.70	7937.572	2556.300
Stddev	4.7246	2.482	64.17	54.425	2.297
%RSD	.5794552	.1600037	.1685662	.6856649	.0898535

#1	810.5756	1549.032	38019.49	7876.324	2556.953
#2	815.4514	1551.027	38049.91	7956.008	2558.200
#3	820.0231	1553.966	38142.69	7980.385	2553.747

Sample Name: I4236-20 Acquired: 7/20/2017 17:56:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777788	-.029104	1.218297	-.003377	.0036402	111.2774	2.386231
Stddev	.0057470	.003614	.007553	.003850	.0027949	7.4857	.156547
%RSD	7.388891	12.41629	.6199284	114.0113	76.77725	6.727074	6.560449

#1	.0811761	-.033060	1.226891	-.007128	.0057925	110.3364	2.368325
#2	.0711434	-.028275	1.212716	-.003567	.0046467	104.3067	2.239407
#3	.0810170	-.025976	1.215284	.000565	.0004815	119.1891	2.550962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092926	.0543282	51.04478	.1694744	.1179911	.3454728	219.4831
Stddev	.0005214	.0004478	3.78839	.0039206	.0004538	.0224535	15.7745
%RSD	5.611095	.8241886	7.421704	2.313368	.3846385	6.499344	7.187133

#1	.0093649	.0542305	50.46994	.1702133	.1184632	.3421267	217.1099
#2	.0087388	.0548168	47.57666	.1729729	.1175580	.3248802	205.0296
#3	.0097741	.0539374	55.08774	.1652369	.1179520	.3694115	236.3098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.096904	38.86223	.2089903	.0004716	1.932695	.2849830	3.745171
Stddev	.654181	2.73471	.0011723	.0009105	.145347	.0197517	.104829
%RSD	7.191250	7.036938	.5609236	193.0522	7.520433	6.930824	2.799037

#1	8.999026	38.42041	.2089968	.0001762	1.996908	.2837118	3.743155
#2	8.497177	36.37534	.2078149	-.000254	1.766300	.2658977	3.641365
#3	9.794509	41.79096	.2101594	.001493	2.034876	.3053396	3.850994

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.21197	5.535295	-.502481	.0054815	2.413433	4.734279	.0297005
Stddev	1.21085	.036983	.024668	.0002818	.011871	.276708	.0013174
%RSD	6.302567	.6681303	4.909161	5.140586	.4918594	5.844773	4.435657

#1	19.04401	5.543263	-.497853	.0057546	2.406909	4.605992	.0299372
#2	18.09387	5.494978	-.480455	.0051917	2.427135	4.544998	.0282808
#3	20.49802	5.567645	-.529135	.0054982	2.406255	5.051847	.0308835

Sample Name: I4236-20 Acquired: 7/20/2017 17:56:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5545786	.1173939	.4146581
Stddev	.0347370	.0078416	.0277734
%RSD	6.263673	6.679726	6.697911

#1	.5533287	.1164012	.4112796
#2	.5204835	.1100959	.3887285
#3	.5899237	.1256845	.4439663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	869.1896	1640.100	39834.93	8226.698	2644.433
Stddev	9.5739	17.498	200.56	443.665	21.825
%RSD	1.101470	1.066916	.5034721	5.392989	.8253329

#1	869.6324	1630.676	39745.74	8258.265	2633.160
#2	878.5344	1660.291	40064.62	8653.736	2669.590
#3	859.4020	1629.333	39694.45	7768.092	2630.549

Sample Name: I4236-21 Acquired: 7/20/2017 18:00:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766000	-.027888	1.219572	-.006606	.0051322	110.0836	2.367484
Stddev	.0008645	.002624	.006834	.002485	.0004896	.2082	.006105
%RSD	1.128622	9.407633	.5603415	37.62012	9.539585	.1891645	.2578634

#1	.0775119	-.024866	1.222491	-.004153	.0050682	110.0409	2.364924
#2	.0764958	-.029221	1.224461	-.009122	.0046778	110.3098	2.374452
#3	.0757923	-.029579	1.211763	-.006542	.0056507	109.9000	2.363075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092182	.0547155	50.57000	.1696578	.1179926	.3462524	217.6122
Stddev	.0001169	.0002857	.28354	.0012215	.0004094	.0013541	.3888
%RSD	1.267995	.5220892	.5606922	.7199671	.3469462	.3910618	.1786793

#1	.0093050	.0543997	50.48779	.1682918	.1184299	.3454709	217.4930
#2	.0090853	.0547908	50.33665	.1706450	.1176186	.3478159	217.2969
#3	.0092644	.0549559	50.88557	.1700367	.1179293	.3454702	218.0467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.011896	38.49041	.2075049	.0004486	2.013299	.2828477	3.765956
Stddev	.028079	.10250	.0015803	.0002590	.046715	.0026464	.070582
%RSD	.3115722	.2663006	.7615819	57.73754	2.320344	.9356079	1.874204

#1	9.022518	38.57754	.2093104	.0001537	2.066381	.2849871	3.711530
#2	8.980057	38.51621	.2068310	.0006393	1.995064	.2798884	3.845706
#3	9.033115	38.37747	.2063732	.0005528	1.978451	.2836675	3.740633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.98700	5.468728	-.499421	.0056402	2.386701	4.742109	.0296132
Stddev	.17560	.065082	.002539	.0004992	.016184	.013715	.0018314
%RSD	.9248328	1.190076	.5083512	8.850425	.6780860	.2892261	6.184286

#1	18.90927	5.528769	-.499710	.0051203	2.395921	4.727545	.0309273
#2	19.18804	5.477849	-.501803	.0056848	2.396168	4.744004	.0303909
#3	18.86367	5.399567	-.496750	.0061157	2.368014	4.754778	.0275213

Sample Name: I4236-21 Acquired: 7/20/2017 18:00:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5528411	.1165202	.4130423
Stddev	.0097252	.0008874	.0007698
%RSD	1.759133	.7615466	.1863606

#1	.5544671	.1160723	.4129097
#2	.5424054	.1175422	.4138698
#3	.5616508	.1159460	.4123475

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	864.9632	1643.629	39804.54	8285.423	2651.821
Stddev	11.6707	10.644	230.49	18.743	14.157
%RSD	1.349270	.6475757	.5790576	.2262147	.5338510

#1	866.4158	1634.011	39687.35	8269.428	2640.561
#2	852.6341	1641.810	39656.19	8280.795	2647.188
#3	875.8395	1655.065	40070.08	8306.047	2667.714

Sample Name: PB100800BS Acquired: 7/20/2017 18:04:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224312	.0573187	.0213617	.0760661	.1202348	.3551042
Stddev	.0027444	.0019814	.0008386	.0018411	.0020495	.0026241
%RSD	12.23473	3.456807	3.925720	2.420343	1.704625	.7389682

#1	.0247894	.0571771	.0222794	.0773861	.1183163	.3522510
#2	.0194188	.0554119	.0206353	.0739629	.1223941	.3574141
#3	.0230855	.0593671	.0211704	.0768492	.1199940	.3556476

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3538800	.0093528	.0114573	10.48846	F .0263655	.0917534
Stddev	.0019075	.0000143	.0001344	.02735	.0001430	.0004664
%RSD	.5390194	.1524541	1.173414	.2607541	.5425432	.5083585

#1	.3559361	.0093686	.0113869	10.47220	.0263323	.0916496
#2	.3535357	.0093410	.0113728	10.52003	.0262419	.0913476
#3	.3521680	.0093488	.0116124	10.47314	.0265222	.0922630

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500438	.2221151	.0327568	10.34417	.0749916	.0187842
Stddev	.0006662	.0100801	.0005529	.08575	.0005292	.0002031
%RSD	1.331147	4.538218	1.687996	.8289991	.7057467	1.081303

#1	.0505036	.2138075	.0321534	10.35112	.0744384	.0187903
#2	.0492798	.2192089	.0332393	10.42624	.0754931	.0189843
#3	.0503479	.2333291	.0328776	10.25516	.0750433	.0185782

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.349709	.0928094	.1145085	8.294252	F .0273476	.0088299
Stddev	.073115	.0034217	.0073221	.008454	.0009660	.0002228
%RSD	.7819983	3.686775	6.394408	.1019223	3.532479	2.523429

#1	9.410132	.0898677	.1085086	8.303972	.0280884	.0089965
#2	9.268433	.0965645	.1226674	8.288616	.0262549	.0085768
#3	9.370562	.0919959	.1123496	8.290167	.0276995	.0089163

Sample Name: PB100800BS Acquired: 7/20/2017 18:04:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213881	.1867221	.1894551	F .0137956	.1955409	.0978429
Stddev	.0004225	.0060680	.0002828	.0012485	.0012566	.0006798
%RSD	1.975364	3.249750	.1492739	9.049842	.6426063	.6948218

#1	.0217617	.1802607	.1892374	.0151478	.1943378	.0986174
#2	.0209296	.1876058	.1897748	.0126867	.1954402	.0975668
#3	.0214730	.1922998	.1893533	.0135522	.1968448	.0973446

Elem	Sr4077
Units	ppm
Avg	.2112605
Stddev	.0009588
%RSD	.4538431

#1	.2119704
#2	.2116414
#3	.2101698

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	853.6196	1612.286	37647.79	7643.304	2951.105
Stddev	8.5010	11.221	249.81	34.935	10.225
%RSD	.9958776	.6959955	.6635369	.4570616	.3464961

#1	844.5225	1599.720	37375.75	7606.201	2944.659
#2	854.9744	1621.306	37700.75	7648.147	2962.895
#3	861.3618	1615.831	37866.87	7675.565	2945.761

Sample Name: CCV007 Acquired: 7/20/2017 18:08:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.686562	4.515455	24.06863	F 4.493939	4.548208	F 356.0314
Stddev	.008773	.016840	.04372	.004965	.004601	.4503
%RSD	.1871933	.3729497	.1816616	.1104863	.1011601	.1264880

#1	4.695951	4.527680	24.07964	4.499171	4.553119	355.6179
#2	4.685162	4.496246	24.10580	4.493354	4.543997	356.5112
#3	4.678574	4.522439	24.02046	4.489293	4.547508	355.9651

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.071232	.4816574	2.509924	394.1916	15.29087	2.474915
Stddev	.018848	.0007609	.010542	3.1392	.08283	.006721
%RSD	.2077817	.1579801	.4200266	.7963623	.5416898	.2715724

#1	9.050354	.4821301	2.511427	391.4545	15.32060	2.481695
#2	9.086993	.4807797	2.519635	397.6182	15.19728	2.474796
#3	9.076350	.4820626	2.498712	393.5020	15.35473	2.468254

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58754	387.6354	14.19372	384.2059	2.417158	1.360745
Stddev	.01766	2.1280	.10092	1.7763	.006724	.003089
%RSD	.1210893	.5489733	.7109845	.4623328	.2781849	.2270254

#1	14.60762	385.7757	14.09808	382.3187	2.415623	1.357541
#2	14.57440	389.9561	14.29919	385.8453	2.424517	1.360988
#3	14.58060	387.1744	14.18390	384.4536	2.411334	1.363706

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 359.5896	2.280609	14.56557	F 127.9751	4.727402	F 3.941938
Stddev	.8986	.014571	.16227	.2178	.024258	.004510
%RSD	.2499015	.6388935	1.114091	.1701707	.5131429	.1144001

#1	358.9594	2.268347	14.37855	127.9207	4.745650	3.945541
#2	360.6186	2.296717	14.64905	128.2148	4.699874	3.936881
#3	359.1907	2.276764	14.66911	127.7896	4.736684	3.943392

Sample Name: CCV007 Acquired: 7/20/2017 18:08:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.665974	4.990213	4.592553	4.938992	4.464693	4.704271
Stddev	.009110	.020713	.004091	.011151	.028681	.006744
%RSD	.1952361	.4150708	.0890819	.2257827	.6423876	.1433506

#1	4.676105	5.014120	4.589500	4.949045	4.442100	4.705117
#2	4.658457	4.978837	4.590958	4.926997	4.496960	4.697145
#3	4.663361	4.977681	4.597202	4.940933	4.455020	4.710552

Elem	Sr4077
Units	ppm
Avg	4.932756
Stddev	.042341
%RSD	.8583670

#1	4.890839
#2	4.931919
#3	4.975509

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	701.8660	1369.972	32205.45	6988.989	2209.144
Stddev	5.4862	3.631	99.43	25.094	5.607
%RSD	.7816621	.2650725	.3087444	.3590484	.2538275

#1	707.5320	1367.217	32290.88	7001.983	2203.283
#2	696.5792	1374.087	32096.30	6960.063	2214.457
#3	701.4867	1368.613	32229.17	7004.921	2209.693

Sample Name: CCB007 Acquired: 7/20/2017 18:13:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007619	-.000002	-.000395	-.000673	-.000130	.0038811	-.001242
Stddev	.0023780	.000744	.001749	.003344	.001760	.0036808	.000144
%RSD	312.1129	38101.58	442.2568	496.7944	1350.813	94.84051	11.58381

#1	-.001707	.000840	-.000762	-.002550	.001880	.0061233	-.001179
#2	.003037	-.000271	-.001932	.003188	-.001391	.0058869	-.001140
#3	.000955	-.000574	.001508	-.002657	-.000880	-.000367	-.001406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000465	-.000025	-.004420	.0010588	.0000295	.0003531	-.000499
Stddev	.0001217	.000139	.004554	.0003684	.0004181	.0004292	.021893
%RSD	261.5506	545.5856	103.0340	34.79726	1416.804	121.5421	4388.578

#1	-.000017	.000119	-.000775	.0008837	-.000080	.0003503	-.023672
#2	-.000030	-.000036	-.002960	.0014821	.000491	.0007837	.002338
#3	.000187	-.000159	-.009524	.0008105	-.000323	-.000075	.019837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002150	.0143359	-.000021	-.000042	-.077610	-.000369	.0098599
Stddev	.0005636	.0509677	.000197	.000200	.021065	.002550	.0037205
%RSD	262.1658	355.5256	947.0665	471.7818	27.14179	691.6722	37.73372

#1	.0008254	-.041339	.000078	-.000273	-.093071	.002263	.0056770
#2	-.000286	.058694	.000107	.000059	-.086141	-.002828	.0111032
#3	.000105	.025652	-.000248	.000087	-.053618	-.000541	.0127996

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.097789	-.001264	-.004043	.0002600	-.000016	-.000931	-.001174
Stddev	.005048	.000098	.001157	.0001593	.002195	.001217	.001440
%RSD	5.161766	7.757602	28.60707	61.27698	14064.54	130.7331	122.6799

#1	-.091978	-.001152	-.002993	.0004108	-.000638	-.001863	-.002684
#2	-.100308	-.001305	-.003852	.0002759	.002424	.000446	-.001019
#3	-.101082	-.001334	-.005283	.0000933	-.001833	-.001375	.000183

Sample Name: CCB007 Acquired: 7/20/2017 18:13:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021503	-.000102	-.000017
Stddev	.0001159	.000077	.000008
%RSD	5.391382	76.01988	48.39749

#1	.0022486	-.000016	-.000012
#2	.0020224	-.000124	-.000027
#3	.0021798	-.000165	-.000013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.8568	1657.405	39170.25	7749.905	2964.651
Stddev	.3647	15.684	109.94	54.177	26.926
%RSD	.0407549	.9463201	.2806722	.6990616	.9082242

#1	894.9146	1661.283	39071.67	7688.135	2974.257
#2	895.1891	1670.787	39288.81	7789.362	2985.457
#3	894.4666	1640.145	39150.28	7772.218	2934.240

Sample Name: I4235-09 Acquired: 7/20/2017 18:17:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888242	-.026122	2.431320	-.003665	.0058988	84.49791	1.876934
Stddev	.0044330	.001256	.010850	.001927	.0004947	.34650	.008927
%RSD	4.990742	4.808921	.4462696	52.57366	8.386885	.4100712	.4755950

#1	.0837413	-.026384	2.426576	-.005538	.0056740	84.69336	1.882346
#2	.0908418	-.027227	2.423649	-.003766	.0064660	84.70253	1.881826
#3	.0918895	-.024756	2.443734	-.001689	.0055563	84.09784	1.866631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087019	.1994093	337.3854	.1492667	.0701764	.6864641	187.5069
Stddev	.0000879	.0011403	.6703	.0006633	.0006170	.0034236	.3260
%RSD	1.009789	.5718503	.1986768	.4443768	.8792299	.4987252	.1738554

#1	.0086051	.1981141	337.1869	.1492417	.0695029	.6881113	187.6504
#2	.0087239	.1998517	338.1325	.1499422	.0703119	.6887527	187.7364
#3	.0087767	.2002621	336.8367	.1486162	.0707143	.6825283	187.1337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.806137	48.66855	.1817419	.0037832	2.548543	.2168270	8.088935
Stddev	.012596	.06356	.0010669	.0000523	.047866	.0006976	.060209
%RSD	.2169410	.1306006	.5870469	1.381949	1.878190	.3217363	.7443333

#1	5.808904	48.62883	.1823203	.0038326	2.542514	.2175809	8.145973
#2	5.817120	48.74186	.1805107	.0037284	2.599138	.2162043	8.025991
#3	5.792388	48.63497	.1823948	.0037885	2.503976	.2166959	8.094840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.77143	12.13115	-.365322	.0145185	6.618063	5.145313	.0601297
Stddev	.06004	.07370	.002051	.0001661	.051802	.030708	.0020772
%RSD	.3807112	.6075162	.5614521	1.143964	.7827388	.5968068	3.454571

#1	15.82566	12.12203	-.364795	.0144597	6.589918	5.179537	.0623104
#2	15.78173	12.06244	-.367585	.0147060	6.586425	5.120170	.0581742
#3	15.70691	12.20899	-.363586	.0143898	6.677845	5.136233	.0599046

Sample Name: I4235-09 Acquired: 7/20/2017 18:17:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9511990	.0855495	.5606885
Stddev	.0040033	.0006741	.0019819
%RSD	.4208714	.7880113	.3534818

#1	.9494450	.0862075	.5618205
#2	.9557799	.0855807	.5618448
#3	.9483721	.0848603	.5584000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	832.2154	1598.193	38136.54	7968.701	2537.433
Stddev	4.7637	11.904	146.35	19.815	12.643
%RSD	.5724149	.7448264	.3837406	.2486594	.4982749

#1	826.7193	1588.822	37976.20	7962.999	2532.341
#2	835.1571	1611.587	38262.91	7952.362	2551.828
#3	834.7698	1594.169	38170.50	7990.742	2528.129

Sample Name: I4235-10 Acquired: 7/20/2017 18:21:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2544398	-.051444	2.353330	-.015358	.0055092	47.71063	1.276227
Stddev	.0039179	.002544	.022561	.000888	.0017648	.26517	.005259
%RSD	1.539814	4.944579	.9586654	5.780871	32.03364	.5557814	.4120391

#1	.2526752	-.052205	2.327880	-.014339	.0039683	47.85931	1.277418
#2	.2517145	-.053521	2.370873	-.015768	.0051248	47.40448	1.270476
#3	.2589297	-.048607	2.361235	-.015966	.0074346	47.86810	1.280788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095413	.2260862	189.5604	.0847187	.0680520	.9521337	362.0028
Stddev	.0002011	.0012763	1.4853	.0011556	.0003770	.0054725	1.8334
%RSD	2.107188	.5645086	.7835400	1.364002	.5539239	.5747580	.5064478

#1	.0093154	.2246144	190.9782	.0851876	.0676167	.9492475	363.8678
#2	.0096077	.2268868	188.0158	.0834025	.0682695	.9487086	360.2028
#3	.0097007	.2267574	189.6872	.0855662	.0682696	.9584451	361.9378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.275729	31.95526	.1544926	.0035173	2.383400	.1778747	9.971933
Stddev	.022219	.19531	.0009702	.0001297	.102877	.0004371	.147317
%RSD	.6783063	.6111983	.6279613	3.686221	4.316406	.2457233	1.477312

#1	3.298234	32.14271	.1534605	.0033723	2.286578	.1779681	10.02512
#2	3.253806	31.75294	.1546313	.0036219	2.372206	.1773985	9.80541
#3	3.275147	31.97013	.1553859	.0035578	2.491417	.1782575	10.08527

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.783325	6.418096	-.653379	.0362208	9.543849	2.208683	.6796602
Stddev	.111156	.069916	.000499	.0004885	.093976	.018434	.0048465
%RSD	1.265536	1.089361	.0763274	1.348697	.9846781	.8346225	.7130800

#1	8.798332	6.344447	-.653470	.0356844	9.450697	2.216422	.6743498
#2	8.665428	6.426281	-.652841	.0366402	9.542221	2.187641	.6807862
#3	8.886216	6.483559	-.653826	.0363377	9.638628	2.221986	.6838446

Sample Name: I4235-10 Acquired: 7/20/2017 18:21:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Q9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8479032	.0484633	.4340395
Stddev	.0073700	.0004591	.0023574
%RSD	.8692011	.9473244	.5431334

#1	.8533924	.0479904	.4353016
#2	.8395267	.0484923	.4313197
#3	.8507905	.0489072	.4354970

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	795.5007	1539.511	36956.12	7744.622	2600.685
Stddev	6.7594	13.460	153.61	39.595	21.959
%RSD	.8497017	.8742855	.4156433	.5112615	.8443528

#1	791.4997	1553.507	36805.78	7710.400	2625.119
#2	803.3049	1538.367	37112.79	7787.990	2594.335
#3	791.6975	1526.660	36949.79	7735.476	2582.601

Sample Name: I4235-11 Acquired: 7/20/2017 18:25:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1011031	-.043162	1.728310	-.005516	-.003781	74.87260	1.969484
Stddev	.0031701	.003328	.037964	.002720	.002651	.53486	.014236
%RSD	3.135543	7.709300	2.196625	49.30354	70.10120	.7143562	.7228542

#1	.1043276	-.039972	1.695888	-.008636	-.001533	75.34559	1.976468
#2	.1009912	-.042904	1.718969	-.004267	-.003107	74.98001	1.978880
#3	.0979903	-.046611	1.770073	-.003646	-.006704	74.29218	1.953104

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089094	.1476759	68.79707	.2007517	.0829976	.7245646	300.3801
Stddev	.0001515	.0042587	.45287	.0006175	.0020538	.0053976	.5024
%RSD	1.700410	2.883808	.6582704	.3075799	2.474551	.7449370	.1672601

#1	.0089423	.1446784	68.75764	.2013154	.0815025	.7283784	300.9571
#2	.0090417	.1457986	68.36521	.2008480	.0821509	.7269267	300.1436
#3	.0087441	.1525507	69.26837	.2000917	.0853394	.7183886	300.0396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.185314	26.95354	.2501044	.0021685	2.164306	.1995405	6.537758
Stddev	.001299	.11715	.0068807	.0000907	.077129	.0023529	.070629
%RSD	.0250513	.4346297	2.751141	4.181112	3.563673	1.179172	1.080321

#1	5.186496	27.08434	.2444525	.0021059	2.230093	.2021126	6.456812
#2	5.183923	26.91800	.2480944	.0021271	2.183402	.1990125	6.586847
#3	5.185522	26.85828	.2577663	.0022724	2.079423	.1974964	6.569614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.28796	13.80555	-.603742	.0263290	7.140487	2.951728	1.592154
Stddev	.13674	.21431	.006268	.0014058	.152628	.058004	.034147
%RSD	.7909561	1.552322	1.038156	5.339323	2.137507	1.965090	2.144695

#1	17.36274	13.59707	-.607962	.0247061	7.021813	3.015757	1.567485
#2	17.37100	13.79434	-.606725	.0271114	7.086984	2.936733	1.577852
#3	17.13013	14.02525	-.596540	.0271694	7.312663	2.902693	1.631127

Sample Name: I4235-11 Acquired: 7/20/2017 18:25:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7879061	.0699886	.3558297
Stddev	.0047456	.0007882	.0017868
%RSD	.6023054	1.126184	.5021626

#1	.7931755	.0707097	.3571883
#2	.7865738	.0701088	.3564952
#3	.7839691	.0691472	.3538056

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	864.7019	1631.447	39531.35	8149.178	2661.360
Stddev	2.2327	13.192	57.02	60.676	34.771
%RSD	.2582064	.8086034	.1442510	.7445703	1.306520

#1	867.0504	1645.043	39471.54	8083.595	2690.030
#2	864.4488	1630.597	39537.42	8160.620	2671.368
#3	862.6065	1618.700	39585.11	8203.318	2622.682

Sample Name: I4235-12 Acquired: 7/20/2017 18:29:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625044	-.021755	.6977180	.0004029	.0023928	58.91012	1.335424
Stddev	.0027999	.001464	.0052104	.0048532	.0026180	.36108	.005816
%RSD	4.479477	6.728395	.7467746	1204.534	109.4148	.6129306	.4355320

#1	.0593393	-.021651	.6964244	-.003312	.0001481	58.64835	1.333196
#2	.0646578	-.020346	.6932763	.005894	.0017614	59.32205	1.342024
#3	.0635162	-.023268	.7034533	-.001374	.0052687	58.75995	1.331050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056424	.0584097	108.4693	.1166319	.0699633	.2621104	147.1335
Stddev	.0001030	.0004534	.1182	.0005436	.0002348	.0033524	.5238
%RSD	1.824959	.7762544	.1089636	.4660843	.3355731	1.279003	.3560197

#1	.0055567	.0586107	108.3721	.1171881	.0699867	.2588367	146.7133
#2	.0057566	.0578905	108.6009	.1161019	.0697177	.2655363	147.7204
#3	.0056139	.0587279	108.4350	.1166057	.0701855	.2619580	146.9668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.683308	61.62323	.1678501	.0007564	.8021512	.1658780	2.962127
Stddev	.012076	.31520	.0003523	.0000859	.1113799	.0035250	.005726
%RSD	.2578463	.5114887	.2098961	11.35386	13.88515	2.125029	.1933118

#1	4.672696	61.52229	.1677924	.0008544	.6741297	.1678471	2.961088
#2	4.696448	61.97653	.1675301	.0006940	.8555150	.1679784	2.968302
#3	4.680781	61.37087	.1682277	.0007209	.8768090	.1618084	2.956992

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.79904	8.350895	-.343733	.0029560	2.467975	6.202156	.0282355
Stddev	.10154	.056361	.001310	.0002396	.015064	.057154	.0023602
%RSD	.6861215	.6749135	.3811910	8.105371	.6103696	.9215243	8.358925

#1	14.72933	8.386757	-.345127	.0027665	2.472712	6.146799	.0285162
#2	14.91554	8.285931	-.343546	.0032253	2.451112	6.260952	.0257475
#3	14.75225	8.379995	-.342526	.0028762	2.480101	6.198717	.0304428

Sample Name: I4235-12 Acquired: 7/20/2017 18:29:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6339152	.0694893	.2322023
Stddev	.0011698	.0003471	.0006736
%RSD	.1845377	.4994277	.2900765

#1	.6326407	.0694478	.2325068
#2	.6349399	.0698552	.2326699
#3	.6341651	.0691649	.2314303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	876.0932	1666.544	39428.04	8176.403	2697.254
Stddev	8.1969	6.036	126.44	25.757	9.836
%RSD	.9356172	.3621716	.3206820	.3150211	.3646670

#1	880.7734	1660.045	39481.32	8170.350	2686.270
#2	866.6284	1667.611	39283.69	8154.212	2705.250
#3	880.8777	1671.974	39519.13	8204.648	2700.241

Sample Name: I4235-13 Acquired: 7/20/2017 18:33:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608949	-.020166	.5713125	-.003698	.0022394	62.27151	1.393831
Stddev	.0024916	.002163	.0016701	.002822	.0007668	.01619	.004115
%RSD	4.091693	10.72648	.2923331	76.31619	34.24280	.0260002	.2952396

#1	.0593259	-.018085	.5717415	-.000589	.0020541	62.28939	1.395493
#2	.0637679	-.022403	.5694698	-.004408	.0015822	62.25785	1.396856
#3	.0595909	-.020009	.5727264	-.006099	.0030819	62.26730	1.389145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056686	.0510984	89.06106	.1238142	.0717184	.2390848	143.4883
Stddev	.0002279	.0002363	.53948	.0011464	.0003965	.0025649	.5381
%RSD	4.020974	.4623703	.6057387	.9258915	.5528540	1.072794	.3750440

#1	.0059303	.0509003	88.91306	.1224957	.0714485	.2412041	143.5816
#2	.0055138	.0510349	88.61104	.1245750	.0715329	.2398169	142.9096
#3	.0055617	.0513599	89.65909	.1243719	.0721736	.2362335	143.9737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.461431	54.32984	.1743761	.0003652	.8115325	.1665629	2.331928
Stddev	.030533	.10913	.0012115	.0001415	.0381378	.0023863	.015736
%RSD	.6843707	.2008671	.6947508	38.74629	4.699479	1.432667	.6748058

#1	4.461288	54.45540	.1732769	.0002942	.8448638	.1646432	2.313796
#2	4.430970	54.25782	.1741763	.0002733	.7699417	.1692346	2.339973
#3	4.492034	54.27630	.1756750	.0005282	.8197919	.1658111	2.342015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44738	7.697641	-.337683	.0016023	1.702940	6.281907	.0168400
Stddev	.05100	.041192	.000853	.0002250	.010415	.035597	.0007831
%RSD	.3530013	.5351267	.2527348	14.04154	.6115966	.5666611	4.650373

#1	14.50260	7.657096	-.338545	.0018597	1.696973	6.310418	.0174441
#2	14.43750	7.696374	-.336838	.0014431	1.696881	6.293293	.0171208
#3	14.40205	7.739451	-.337666	.0015041	1.714967	6.242010	.0159552

Sample Name: I4235-13 Acquired: 7/20/2017 18:33:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6544186	.0735162	.2403990
Stddev	.0016440	.0004911	.0001593
%RSD	.2512138	.6679938	.0662698

#1	.6543429	.0735336	.2402376
#2	.6528138	.0739983	.2405561
#3	.6560992	.0730166	.2404033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	895.6636	1700.394	40256.62	8306.376	2718.921
Stddev	1.6808	4.848	33.17	17.510	11.998
%RSD	.1876619	.2851217	.0823907	.2108060	.4412872

#1	897.5023	1700.585	40244.80	8286.755	2725.682
#2	894.2063	1705.143	40230.97	8320.414	2726.013
#3	895.2821	1695.453	40294.07	8311.959	2705.068

Sample Name: I4235-14 Acquired: 7/20/2017 18:37:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722673	-.019174	.7068419	-.001256	.0022287	61.78276	1.545575
Stddev	.0027634	.004425	.0006421	.002149	.0024948	.37719	.009193
%RSD	3.823914	23.08057	.0908360	171.1642	111.9367	.6105037	.5947631

#1	.0747580	-.016031	.7072756	-.003671	.0027069	61.44013	1.538028
#2	.0727494	-.017256	.7071458	.000447	-.000471	62.18693	1.555813
#3	.0692945	-.024235	.7061043	-.000544	.004450	61.72123	1.542885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059318	.0641751	55.36356	.1215572	.0761480	.2654544	152.4324
Stddev	.0000520	.0003609	.10703	.0004758	.0002854	.0021726	.1286
%RSD	.8764931	.5623056	.1933309	.3914434	.3748315	.8184560	.0843952

#1	.0059520	.0637671	55.48153	.1218108	.0758718	.2629642	152.4558
#2	.0058728	.0643057	55.33648	.1218526	.0764418	.2669631	152.5478
#3	.0059707	.0644525	55.27266	.1210083	.0761305	.2664358	152.2937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.809643	36.40104	.1808299	.0009327	.8567753	.1723431	3.023847
Stddev	.004638	.16363	.0004050	.0000849	.0235736	.0005866	.032803
%RSD	.0964225	.4495223	.2239626	9.099399	2.751433	.3403551	1.084824

#1	4.804302	36.24313	.1812580	.0008919	.8382967	.1721139	3.037677
#2	4.812641	36.56985	.1807789	.0008759	.8487052	.1719058	2.986393
#3	4.811987	36.39015	.1804528	.0010302	.8833242	.1730097	3.047470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.22552	8.219427	-.361948	.0021582	1.611198	4.849229	.0182928
Stddev	.13293	.020196	.001762	.0002550	.008501	.007144	.0030237
%RSD	.9344498	.2457119	.4869451	11.81705	.5275909	.1473161	16.52949

#1	14.10937	8.240135	-.359962	.0018701	1.614410	4.855843	.0176416
#2	14.37050	8.199785	-.363324	.0023550	1.617624	4.841653	.0156477
#3	14.19668	8.218362	-.362559	.0022495	1.601559	4.850192	.0215890

Sample Name: I4235-14 Acquired: 7/20/2017 18:37:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5972782	.0711167	.2354953
Stddev	.0040835	.0002481	.0011253
%RSD	.6836788	.3489301	.4778483

#1	.5933289	.0708302	.2356390
#2	.5970220	.0712635	.2365419
#3	.6014837	.0712563	.2343051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	907.3020	1727.863	40744.39	8414.157	2773.295
Stddev	7.0471	13.912	140.90	33.134	9.652
%RSD	.7767110	.8051745	.3458141	.3937897	.3480270

#1	899.6130	1715.323	40583.42	8423.924	2768.725
#2	913.4532	1742.829	40845.38	8377.237	2784.383
#3	908.8398	1725.438	40804.36	8441.309	2766.777

Sample Name: I4235-15 Acquired: 7/20/2017 18:41:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887513	-.023584	1.316851	-.004515	.0024909	68.19220	1.894510
Stddev	.0061470	.004440	.003209	.003786	.0015122	.35739	.010285
%RSD	6.926108	18.82496	.2437240	83.86260	60.71050	.5240922	.5429015

#1	.0899366	-.020975	1.317043	-.000143	.0007878	68.60486	1.905944
#2	.0820979	-.028710	1.313549	-.006669	.0030086	67.98314	1.886010
#3	.0942193	-.021067	1.319960	-.006733	.0036762	67.98859	1.891576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069189	.1241960	111.5555	.1275361	.0806657	.3778566	168.6402
Stddev	.0001395	.0005909	.4974	.0015004	.0007855	.0006029	.3142
%RSD	2.015670	.4757609	.4459018	1.176420	.9738241	.1595607	.1863267

#1	.0068341	.1235492	111.0411	.1287353	.0798700	.3772230	168.3497
#2	.0068427	.1243314	111.5913	.1280192	.0806865	.3784233	168.5971
#3	.0070798	.1247075	112.0340	.1258537	.0814407	.3779234	168.9737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.522327	31.58790	.1829780	.0013682	.9590691	.1862234	4.031012
Stddev	.010003	.11978	.0009302	.0001021	.0719092	.0021339	.045165
%RSD	.1811374	.3791944	.5083493	7.463373	7.497809	1.145882	1.120439

#1	5.511131	31.72308	.1821641	.0013035	.9144598	.1886742	3.979394
#2	5.525467	31.49497	.1827780	.0013152	1.042024	.1847778	4.063269
#3	5.530383	31.54566	.1839919	.0014859	.920724	.1852180	4.050373

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.95526	9.841705	-.399243	.0053145	3.201008	6.670220	.0403807
Stddev	.16195	.071199	.003414	.0007025	.018415	.052506	.0007639
%RSD	1.015023	.7234397	.8550585	13.21852	.5752750	.7871767	1.891854

#1	16.14219	9.919837	-.403077	.0059577	3.219622	6.706101	.0406716
#2	15.86642	9.780484	-.396534	.0054209	3.182800	6.609955	.0409565
#3	15.85717	9.824794	-.398117	.0045648	3.200600	6.694602	.0395141

Sample Name: I4235-15 Acquired: 7/20/2017 18:41:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6595819	.0751097	.3216919
Stddev	.0018891	.0015704	.0007819
%RSD	.2864075	2.090829	.2430587

#1	.6576454	.0765615	.3219916
#2	.6614197	.0734428	.3208045
#3	.6596806	.0753246	.3222796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	884.0977	1684.187	39655.72	8281.249	2690.583
Stddev	10.7562	8.321	149.30	24.628	5.404
%RSD	1.216632	.4940471	.3764943	.2973900	.2008621

#1	894.5496	1676.157	39734.46	8257.721	2689.276
#2	873.0610	1692.770	39483.53	8306.846	2696.520
#3	884.6826	1683.634	39749.17	8279.180	2685.951

Sample Name: I4235-16 Acquired: 7/20/2017 18:45:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0775202	-.019538	.9964359	-.001774	.0039346	67.98305	1.723818
Stddev	.0065647	.003825	.0030404	.000867	.0003016	.10490	.000488
%RSD	8.468347	19.57570	.3051272	48.87663	7.665247	.1542984	.0283105

#1	.0776732	-.017770	.9936104	-.000804	.0038934	68.06890	1.723607
#2	.0708803	-.016917	.9960442	-.002046	.0036556	68.01414	1.724376
#3	.0840070	-.023927	.9996532	-.002473	.0042546	67.86613	1.723470

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064131	.1416243	56.71613	.1207332	.0695728	.3325320	145.8944
Stddev	.0000993	.0006452	.26667	.0007916	.0006007	.0028424	.1319
%RSD	1.548142	.4556043	.4701879	.6556288	.8633936	.8547754	.0904385

#1	.0063001	.1415036	56.44288	.1215702	.0690009	.3329261	145.7421
#2	.0064524	.1410479	56.97570	.1199967	.0695189	.3351569	145.9745
#3	.0064866	.1423214	56.72980	.1206328	.0701986	.3295132	145.9666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.831744	28.29875	.1502617	.0010561	.7912030	.1827879	4.182789
Stddev	.010847	.03748	.0011392	.0001982	.0615413	.0028273	.078573
%RSD	.2244875	.1324372	.7581253	18.76900	7.778188	1.546774	1.878477

#1	4.823317	28.34179	.1489472	.0010950	.7486656	.1796332	4.100628
#2	4.843981	28.28110	.1508762	.0012320	.7631742	.1836373	4.257199
#3	4.827932	28.27334	.1509617	.0008413	.8617693	.1850931	4.190541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.47209	8.273133	-.333379	.0115134	1.814374	11.50233	.0233475
Stddev	.09404	.037662	.001121	.0006991	.005380	.04481	.0001127
%RSD	.5382054	.4552329	.3362070	6.071683	.2964978	.3895435	.4827159

#1	17.56958	8.231743	-.332750	.0107702	1.812535	11.54219	.0234670
#2	17.46475	8.282268	-.332714	.0121579	1.810156	11.45384	.0233324
#3	17.38194	8.305387	-.334673	.0116122	1.820432	11.51096	.0232431

Sample Name: I4235-16 Acquired: 7/20/2017 18:45:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7990533	.0709932	.2647123
Stddev	.0051589	.0003594	.0003054
%RSD	.6456229	.5062254	.1153661

#1	.7939205	.0714077	.2646343
#2	.8042378	.0708051	.2650491
#3	.7990017	.0707670	.2644534

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	899.0313	1724.493	40129.49	8335.352	2789.460
Stddev	2.8751	10.344	133.10	40.221	12.082
%RSD	.3197976	.5998111	.3316871	.4825316	.4331156

#1	900.9743	1736.364	40027.28	8296.924	2801.008
#2	895.7285	1719.696	40081.18	8331.980	2790.463
#3	900.3910	1717.419	40280.00	8377.153	2776.908

Sample Name: I4235-17 Acquired: 7/20/2017 18:49:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777876	-.019900	.8323550	-.003940	.0040679	77.27946	1.700730
Stddev	.0010402	.001928	.0016891	.001210	.0009226	.26861	.005969
%RSD	1.337296	9.686242	.2029293	30.72237	22.67938	.3475773	.3509571

#1	.0787283	-.020114	.8326428	-.004366	.0030218	77.02810	1.694830
#2	.0766704	-.021712	.8305405	-.002574	.0047655	77.56250	1.706765
#3	.0779642	-.017875	.8338817	-.004880	.0044163	77.24778	1.700594

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071279	.0881341	168.5568	.1545509	.0666976	.3935851	153.4264
Stddev	.0000753	.0007529	.4119	.0013752	.0004382	.0025712	.1769
%RSD	1.055778	.8543125	.2443900	.8898047	.6570509	.6532865	.1153172

#1	.0072142	.0877097	169.0124	.1553581	.0665163	.3906234	153.5993
#2	.0070754	.0876892	168.4477	.1529630	.0663791	.3948849	153.2457
#3	.0070942	.0890034	168.2105	.1553316	.0671974	.3952469	153.4341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.997136	44.68555	.1767731	.0016383	.9722438	.2058879	4.486479
Stddev	.009683	.17765	.0003006	.0004936	.0346214	.0028363	.044535
%RSD	.1937790	.3975636	.1700222	30.12756	3.560980	1.377579	.9926577

#1	4.995620	44.48062	.1766428	.0019542	.9408667	.2047016	4.514271
#2	5.007488	44.78018	.1771168	.0018912	1.009386	.2038374	4.510054
#3	4.988300	44.79586	.1765597	.0010695	.966479	.2091247	4.435112

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.00891	12.96907	-.349653	.0025493	3.310571	7.346258	.0187040
Stddev	.13330	.08435	.001269	.0002482	.020963	.057023	.0011118
%RSD	.7837333	.6503770	.3628794	9.737563	.6332210	.7762233	5.944296

#1	16.86615	12.97787	-.349434	.0022652	3.308430	7.370848	.0186381
#2	17.13013	12.88067	-.348508	.0027240	3.290760	7.281066	.0198472
#3	17.03046	13.04868	-.351017	.0026588	3.332522	7.386861	.0176265

Sample Name: I4235-17 Acquired: 7/20/2017 18:49:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7336121	.0789457	1.024294
Stddev	.0014392	.0009375	.002843
%RSD	.1961794	1.187456	.2775114

#1	.7324791	.0778637	1.022290
#2	.7331257	.0794587	1.027547
#3	.7352314	.0795148	1.023045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	887.1951	1701.940	39793.37	8219.234	2680.118
Stddev	8.3548	9.891	220.60	22.526	11.624
%RSD	.9417047	.5811332	.5543666	.2740612	.4337078

#1	891.9066	1700.268	39766.54	8220.490	2683.414
#2	877.5488	1712.560	39587.42	8196.106	2689.738
#3	892.1300	1692.992	40026.16	8241.105	2667.202

Sample Name: I4235-18 Acquired: 7/20/2017 18:53:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0832851	-.024598	1.205911	-.004091	.0047456	80.66296	2.322186
Stddev	.0025185	.002159	.009922	.002690	.0009760	.41719	.012231
%RSD	3.023973	8.778397	.8227417	65.76239	20.56705	.5171986	.5267026

#1	.0820532	-.026414	1.209378	-.004329	.0041239	80.97119	2.333695
#2	.0861824	-.022210	1.194722	-.001289	.0042423	80.82945	2.323520
#3	.0816197	-.025169	1.213634	-.006654	.0058705	80.18823	2.309343

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081779	.1422666	173.1080	.1747472	.0909399	.5187512	168.3727
Stddev	.0000608	.0001847	.2963	.0016998	.0003743	.0031744	.4070
%RSD	.7432714	.1298413	.1711645	.9727109	.4115670	.6119335	.2417177

#1	.0081744	.1420968	172.7713	.1749248	.0909036	.5217717	168.2300
#2	.0081189	.1422396	173.2234	.1729656	.0905851	.5190394	168.8319
#3	.0082404	.1424633	173.3292	.1763512	.0913310	.5154425	168.0563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.308375	56.98641	.2234775	.0027318	1.208231	.2152341	6.397825
Stddev	.021149	.17921	.0019504	.0001503	.023154	.0005911	.033067
%RSD	.2893870	.3144747	.8727682	5.501800	1.916365	.2746277	.5168519

#1	7.321614	57.01366	.2246275	.0025831	1.224069	.2146577	6.387563
#2	7.319528	57.15043	.2212255	.0027288	1.218966	.2152056	6.434807
#3	7.283984	56.79514	.2245796	.0028836	1.181658	.2158389	6.371106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.76175	19.41619	-.385404	.0038758	3.922286	5.658207	.0189132
Stddev	.16916	.00044	.002020	.0009549	.013141	.059827	.0022982
%RSD	.9015983	.0022463	.5241822	24.63885	.3350290	1.057349	12.15138

#1	18.90375	19.41598	-.385817	.0043479	3.924249	5.723428	.0166512
#2	18.80691	19.41669	-.387186	.0045028	3.908275	5.605875	.0212460
#3	18.57460	19.41589	-.383209	.0027768	3.934336	5.645317	.0188423

Sample Name: I4235-18 Acquired: 7/20/2017 18:53:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7335044	.0808354	1.011579
Stddev	.0030537	.0006781	.004080
%RSD	.4163204	.8388748	.4033770

#1	.7299784	.0813878	1.015328
#2	.7352994	.0810397	1.012176
#3	.7352352	.0800786	1.007233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.9689	1727.805	40492.75	8389.617	2671.105
Stddev	9.6542	8.780	271.01	63.924	12.023
%RSD	1.071532	.5081552	.6692835	.7619410	.4501058

#1	893.1239	1720.762	40184.20	8334.260	2661.745
#2	898.0325	1737.642	40601.81	8375.012	2684.664
#3	911.7504	1725.012	40692.25	8459.580	2666.906

Sample Name: I4235-19 Acquired: 7/20/2017 18:57:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1423686	-.026604	1.353134	-.005525	.0048976	79.71643	1.819065
Stddev	.0012573	.001966	.005998	.002605	.0011739	2.18526	.048854
%RSD	.8831045	7.390288	.4432865	47.15783	23.96931	2.741288	2.685677

#1	.1432099	-.026914	1.346552	-.003893	.0060065	81.56469	1.863525
#2	.1429725	-.024501	1.354557	-.008530	.0050184	77.30458	1.766765
#3	.1409233	-.028397	1.358292	-.004153	.0036680	80.28002	1.826905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077028	.2167998	107.2595	.1645889	.0865017	.6251505	185.5393
Stddev	.0002860	.0008896	2.8781	.0002301	.0006491	.0174356	4.6667
%RSD	3.712786	.4103079	2.683323	.1397903	.7503790	2.789023	2.515214

#1	.0079967	.2159799	109.0232	.1643824	.0857948	.6401438	188.9478
#2	.0074255	.2177456	103.9383	.1648369	.0866393	.6060177	180.2206
#3	.0076861	.2166740	108.8171	.1645473	.0870709	.6292899	187.4497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.281301	49.34258	.1914883	.0023740	1.176000	.2080213	6.089835
Stddev	.162516	1.10498	.0012878	.0003029	.050051	.0075304	.074589
%RSD	2.587293	2.239413	.6724952	12.75921	4.256074	3.620033	1.224808

#1	6.393224	50.20917	.1903014	.0025050	1.214664	.2157070	6.020013
#2	6.094893	48.09826	.1913061	.0020277	1.119466	.2006564	6.168417
#3	6.355785	49.72031	.1928574	.0025894	1.193870	.2077005	6.081074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.78932	10.79997	-.441982	.0073037	2.878977	4.750464	.0268728
Stddev	.43851	.06592	.009632	.0004552	.009095	.134301	.0014223
%RSD	2.333833	.6103428	2.179371	6.232261	.3159197	2.827123	5.292585

#1	19.18837	10.82578	-.450775	.0069897	2.872384	4.857700	.0262823
#2	18.31987	10.72505	-.431686	.0070957	2.875194	4.599829	.0258408
#3	18.85971	10.84907	-.443483	.0078257	2.889353	4.793862	.0284952

Sample Name: I4235-19 Acquired: 7/20/2017 18:57:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7097905	.0812181	.4646380
Stddev	.0146797	.0024680	.0126796
%RSD	2.068179	3.038741	2.728923

#1	.7241359	.0836060	.4750791
#2	.6947978	.0786771	.4505287
#3	.7104377	.0813711	.4683063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	910.2867	1749.334	40576.75	8556.281	2708.654
Stddev	9.3894	6.743	220.68	193.968	7.901
%RSD	1.031475	.3854795	.5438460	2.266966	.2916901

#1	914.1976	1744.450	40627.58	8386.665	2710.121
#2	899.5740	1757.028	40335.10	8767.763	2715.719
#3	917.0885	1746.524	40767.57	8514.414	2700.123

Sample Name: I4236-01 Acquired: 7/20/2017 19:01:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780888	-.022727	3.504295	-.002151	.0061829	101.2523	2.252434
Stddev	.0015241	.002305	.034702	.001687	.0003828	.3482	.010020
%RSD	1.951734	10.14071	.9902779	78.44692	6.190548	.3438474	.4448310

#1	.0769059	-.025139	3.522557	-.000352	.0064643	101.5367	2.260113
#2	.0775518	-.020548	3.464275	-.002401	.0057470	100.8640	2.241100
#3	.0798087	-.022493	3.526052	-.003699	.0063373	101.3561	2.256088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138941	.1680079	424.7223	.1297645	.0747638	1.623484	192.6585
Stddev	.0000252	.0023364	1.0428	.0015078	.0012246	.006023	.7459
%RSD	.1810935	1.390674	.2455301	1.161926	1.637888	.3709697	.3871798

#1	.0138820	.1692003	424.9549	.1303399	.0752088	1.630242	193.1615
#2	.0138772	.1653158	425.6291	.1308998	.0733790	1.618682	193.0126
#3	.0139230	.1695075	423.5828	.1280538	.0757036	1.621528	191.8015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.822782	59.17387	.1998559	.0029897	2.759804	.2236578	15.69315
Stddev	.020100	.25659	.0030961	.0001154	.061386	.0003194	.25374
%RSD	.2569378	.4336185	1.549157	3.859665	2.224303	.1428019	1.616884

#1	7.836230	59.46545	.2002467	.0029143	2.808856	.2232925	15.89105
#2	7.832440	59.07362	.1965829	.0031225	2.690964	.2238842	15.78131
#3	7.799676	58.98255	.2027379	.0029323	2.779593	.2237968	15.40709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.00582	5.771635	-.143198	.0271543	12.44146	13.08492	.0708192
Stddev	.07234	.060748	.001575	.0000228	.13293	.01980	.0032604
%RSD	.5164670	1.052526	1.099852	.0838680	1.068411	.1513234	4.603896

#1	14.08924	5.778990	-.145003	.0271588	12.51768	13.09247	.0745127
#2	13.96051	5.707545	-.142488	.0271296	12.28797	13.09984	.0683406
#3	13.96770	5.828371	-.142103	.0271745	12.51872	13.06246	.0696044

Sample Name: I4236-01 Acquired: 7/20/2017 19:01:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.336550	.1126962	1.033225
Stddev	.005566	.0014107	.005566
%RSD	.4164263	1.251732	.5387476

#1	1.332958	.1140142	1.039281
#2	1.333731	.1112083	1.032060
#3	1.342961	.1128663	1.028333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	861.6975	1661.659	38673.97	8060.452	2562.207
Stddev	11.4081	20.933	436.39	42.097	27.660
%RSD	1.323910	1.259790	1.128378	.5222640	1.079525

#1	851.8387	1651.802	38281.42	8014.354	2549.499
#2	859.0606	1685.701	38596.64	8070.146	2593.936
#3	874.1931	1647.473	39143.86	8096.857	2543.184

Sample Name: I4236-02 Acquired: 7/20/2017 19:05:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0925442	-.034348	3.836406	-.004168	.0075686	86.03703	1.922335
Stddev	.0033697	.003791	.018039	.000441	.0006059	.22348	.002201
%RSD	3.641200	11.03842	.4702071	10.58037	8.005400	.2597540	.1144872

#1	.0938968	-.030006	3.833032	-.004443	.0068781	85.95449	1.922957
#2	.0950276	-.036034	3.820293	-.003660	.0080114	86.29004	1.924158
#3	.0887084	-.037004	3.855894	-.004402	.0078164	85.86655	1.919890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102089	.1418043	260.1431	.1816748	.0931694	2.448290	255.0280
Stddev	.0000595	.0007738	.7913	.0017843	.0003799	.007604	.5626
%RSD	.5833355	.5457180	.3041614	.9821470	.4077332	.3106020	.2206055

#1	.0101546	.1415378	259.3540	.1823012	.0932497	2.454926	255.0574
#2	.0101995	.1411989	260.9365	.1830615	.0927558	2.449953	255.5753
#3	.0102726	.1426762	260.1389	.1796618	.0935028	2.439992	254.4512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.847093	38.54139	.2193113	.0033230	2.192013	.3065606	19.92538
Stddev	.012168	.11575	.0009520	.0001671	.067903	.0040884	.13865
%RSD	.2080986	.3003334	.4340899	5.028954	3.097746	1.333632	.6958520

#1	5.838991	38.44138	.2188752	.0035151	2.207315	.3035393	20.01895
#2	5.861085	38.66819	.2186554	.0032113	2.117764	.3112127	19.99110
#3	5.841204	38.51460	.2204032	.0032425	2.250958	.3049299	19.76609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.32489	6.464122	-.451117	.0271938	8.576087	6.564486	.1107998
Stddev	.03165	.020507	.005185	.0002351	.053000	.084659	.0021344
%RSD	.2209509	.3172362	1.149327	.8644050	.6180004	1.289658	1.926319

#1	14.32984	6.447061	-.449170	.0274648	8.561457	6.542490	.1129971
#2	14.35377	6.458433	-.456994	.0270705	8.531939	6.492996	.1106676
#3	14.29105	6.486873	-.447188	.0270460	8.634866	6.657973	.1087345

Sample Name: I4236-02 Acquired: 7/20/2017 19:05:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.037431	.0841092	.6283931
Stddev	.006609	.0001415	.0013747
%RSD	.6370482	.1682474	.2187657

#1	1.032459	.0841335	.6299272
#2	1.044931	.0842369	.6279792
#3	1.034904	.0839571	.6272729

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	853.1343	1633.454	38453.97	8017.159	2619.369
Stddev	8.6484	8.455	338.07	34.030	9.678
%RSD	1.013725	.5175892	.8791646	.4244702	.3694850

#1	845.1211	1625.538	38204.15	7985.059	2613.483
#2	851.9798	1642.360	38319.09	8013.581	2630.539
#3	862.3020	1632.465	38838.66	8052.837	2614.085

Sample Name: I4236-03 Acquired: 7/20/2017 19:09:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558109	-.027953	.2829095	-.005738	.0038565	113.7435	1.401366
Stddev	.0031040	.001805	.0030053	.002854	.0020181	.7454	.009927
%RSD	5.561574	6.457985	1.062279	49.73875	52.33082	.6553279	.7083490

#1	.0552607	-.028203	.2805105	-.006770	.0021931	113.4531	1.394118
#2	.0591532	-.026036	.2819376	-.002511	.0032748	114.5904	1.412680
#3	.0530189	-.029620	.2862805	-.007931	.0061016	113.1871	1.397299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083279	.0099722	40.31157	.1592349	.0817365	.2744117	196.5771
Stddev	.0001237	.0000916	.32616	.0006164	.0005140	.0024671	1.2850
%RSD	1.485568	.9187064	.8090880	.3871048	.6287870	.8990520	.6536835

#1	.0081891	.0099986	40.43040	.1596053	.0813631	.2728435	196.2757
#2	.0083681	.0100476	40.56165	.1595761	.0815237	.2772554	197.9859
#3	.0084265	.0098702	39.94266	.1585233	.0823226	.2731360	195.4695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.885786	37.44402	.2147153	.0003562	1.212840	.2346015	1.273797
Stddev	.024301	.15148	.0001046	.0003459	.075202	.0022197	.010360
%RSD	.4973717	.4045383	.0487281	97.09709	6.200526	.9461446	.8133310

#1	4.879084	37.32855	.2147653	.0001897	1.225677	.2333233	1.283619
#2	4.912734	37.61553	.2145951	.0007538	1.280797	.2371645	1.262971
#3	4.865540	37.38799	.2147856	.0001251	1.132045	.2333166	1.274800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.90986	2.983405	-.459316	-.001274	1.437832	5.812668	.0162492
Stddev	.11316	.021130	.004104	.000567	.003149	.034844	.0009215
%RSD	.8135400	.7082650	.8934067	44.48238	.2190205	.5994553	5.670938

#1	13.82952	2.994470	-.462657	-.001681	1.437377	5.789058	.0171035
#2	14.03928	2.959040	-.460556	-.000627	1.434936	5.852687	.0163714
#3	13.86079	2.996706	-.454736	-.001515	1.441184	5.796258	.0152728

Sample Name: I4236-03 Acquired: 7/20/2017 19:09:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5292713	.1162173	.3941291
Stddev	.0039451	.0007948	.0019927
%RSD	.7453894	.6838835	.5055887

#1	.5258235	.1154960	.3932580
#2	.5335737	.1170694	.3964091
#3	.5284168	.1160864	.3927204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	942.0308	1795.048	41513.54	8542.834	2792.807
Stddev	6.7676	7.582	136.53	63.302	11.146
%RSD	.7184008	.4223994	.3288795	.7409957	.3990823

#1	943.0478	1798.423	41418.40	8535.821	2797.002
#2	934.8123	1800.357	41452.25	8483.331	2801.246
#3	948.2324	1786.365	41669.98	8609.351	2780.172

Sample Name: I4236-04 Acquired: 7/20/2017 19:13:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688728	-.028941	.2034331	-.006877	.0030359	127.3407	1.773419
Stddev	.0048433	.001542	.0016619	.003712	.0015165	.4417	.008720
%RSD	7.032207	5.329600	.8169308	53.97649	49.95168	.3468824	.4917024

#1	.0683985	-.027264	.2015708	-.003639	.0020208	127.8158	1.783236
#2	.0642841	-.030298	.2039632	-.006064	.0023077	127.2637	1.766573
#3	.0739358	-.029262	.2047653	-.010928	.0047791	126.9425	1.770447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096801	.0156322	39.66930	.1710682	.1107358	.2678971	220.2021
Stddev	.0001509	.0002082	.51720	.0009887	.0007236	.0007252	1.0493
%RSD	1.559325	1.332172	1.303779	.5779523	.6534095	.2706854	.4765293

#1	.0097484	.0156396	39.47687	.1699386	.1099193	.2686026	220.5896
#2	.0097847	.0154204	40.25513	.1714894	.1109903	.2671537	221.0025
#3	.0095070	.0158367	39.27590	.1717765	.1112977	.2679351	219.0141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.486631	40.55669	.2459275	.0001537	1.230578	.2547772	2.566095
Stddev	.038996	.19694	.0017816	.0001774	.046385	.0032467	.025499
%RSD	.6011770	.4855943	.7244233	115.4085	3.769399	1.274343	.9936806

#1	6.486052	40.35824	.2450478	.0002893	1.213112	.2580635	2.594730
#2	6.525913	40.75209	.2447568	.0002189	1.195461	.2546968	2.557711
#3	6.447928	40.55973	.2479778	-.000047	1.283161	.2515715	2.545843

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.97748	3.307389	-.534118	-.002529	1.324599	4.501318	.0143022
Stddev	.07356	.045852	.005535	.000506	.012054	.065344	.0003087
%RSD	.5263015	1.386364	1.036292	20.00979	.9099939	1.451659	2.158560

#1	14.05974	3.271042	-.537806	-.001994	1.317585	4.516120	.0146097
#2	13.91799	3.292223	-.536795	-.002593	1.317695	4.557992	.0139922
#3	13.95473	3.358904	-.527753	-.003000	1.338518	4.429844	.0143047

Sample Name: I4236-04 Acquired: 7/20/2017 19:13:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4676108	.1300128	.4180551
Stddev	.0031721	.0010266	.0005139
%RSD	.6783647	.7895746	.1229347

#1	.4695322	.1309364	.4184706
#2	.4693507	.1289076	.4182145
#3	.4639494	.1301945	.4174804

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	964.9813	1856.607	42544.04	8780.890	2793.548
Stddev	5.9319	2.855	203.63	69.282	11.529
%RSD	.6147188	.1537825	.4786265	.7890063	.4126940

#1	958.6332	1856.328	42326.77	8731.328	2800.254
#2	965.9277	1853.901	42574.83	8751.287	2800.154
#3	970.3832	1859.591	42730.52	8860.056	2780.236

Sample Name: I4236-05 Acquired: 7/20/2017 19:17:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET796 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819501	-.026461	.6750088	-.005287	.0033829	94.46776	1.760003
Stddev	.0053926	.005203	.0007571	.002722	.0014267	.23188	.004451
%RSD	6.580365	19.66136	.1121639	51.48922	42.17269	.2454600	.2529027

#1	.0758945	-.026189	.6743505	-.007286	.0031229	94.23346	1.755241
#2	.0837217	-.021399	.6748396	-.002187	.0049217	94.69714	1.764059
#3	.0862340	-.031794	.6758362	-.006389	.0021041	94.47269	1.760708

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076645	.0195724	46.04403	.1555177	.0890067	.2801224	184.5406
Stddev	.0001636	.0005112	.07972	.0016354	.0007851	.0010117	.2448
%RSD	2.135058	2.611600	.1731474	1.051610	.8820830	.3611536	.1326440

#1	.0074947	.0192344	45.95531	.1546620	.0882326	.2792916	184.2580
#2	.0076777	.0193224	46.10965	.1544877	.0889850	.2798264	184.6770
#3	.0078212	.0201605	46.06715	.1574035	.0898024	.2812490	184.6867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.291933	31.53682	.1784420	.0004932	1.237301	.2277634	2.139008
Stddev	.006274	.05201	.0007103	.0004439	.041102	.0026438	.035237
%RSD	.1185612	.1649047	.3980392	90.01480	3.321869	1.160782	1.647345

#1	5.286901	31.47701	.1776274	-.000008	1.213144	.2306680	2.166000
#2	5.298963	31.57132	.1787676	.000650	1.214001	.2271250	2.151879
#3	5.289936	31.56214	.1789312	.000838	1.284758	.2254973	2.099145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.92981	7.469971	-.412478	.0048971	1.613073	5.317709	.0199771
Stddev	.10864	.034860	.002424	.0004443	.010468	.043011	.0011728
%RSD	.5451350	.4666680	.5877332	9.073149	.6489721	.8088278	5.870466

#1	19.80541	7.468798	-.410803	.0044859	1.611797	5.268706	.0206291
#2	19.97794	7.435713	-.415258	.0048370	1.624121	5.349209	.0206790
#3	20.00608	7.505403	-.411373	.0053684	1.603301	5.335211	.0186233

Sample Name: I4236-05 Acquired: 7/20/2017 19:17:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET796 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7099179	.0859719	.3109261
Stddev	.0036168	.0001789	.0004892
%RSD	.5094728	.2080972	.1573353

#1	.7067057	.0861562	.3103633
#2	.7092127	.0859605	.3112502
#3	.7138355	.0857990	.3111647

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	929.8431	1771.618	41020.39	8452.015	2799.270
Stddev	11.1019	5.813	183.36	15.270	5.488
%RSD	1.193955	.3281210	.4469866	.1806665	.1960510

#1	918.0118	1770.571	40817.41	8447.985	2802.550
#2	931.4845	1777.883	41069.73	8439.164	2802.325
#3	940.0329	1766.399	41174.02	8468.896	2792.934

Sample Name: I4236-06 Acquired: 7/20/2017 19:21:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET797 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0616176	-.021170	.3795764	-.005611	.0020019	86.23939	1.589363
Stddev	.0020320	.003237	.0030587	.002175	.0007202	.12811	.002724
%RSD	3.297833	15.29106	.8058311	38.76030	35.97857	.1485480	.1713800

#1	.0634654	-.017624	.3760766	-.008122	.0021161	86.27319	1.592395
#2	.0594413	-.023967	.3817384	-.004400	.0026582	86.09778	1.588574
#3	.0619459	-.021918	.3809141	-.004311	.0012313	86.34721	1.587122

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070339	.0145827	36.33410	.1463621	.0892181	.2274776	168.3293
Stddev	.0001173	.0003368	.25742	.0004760	.0004853	.0006193	.4418
%RSD	1.666946	2.309668	.7084874	.3252151	.5439889	.2722412	.2624365

#1	.0069943	.0147997	36.14203	.1459657	.0888493	.2272031	167.8952
#2	.0069417	.0141947	36.23366	.1462306	.0890372	.2270429	168.3145
#3	.0071659	.0147538	36.62660	.1468900	.0897679	.2281866	168.7783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.531884	29.49843	.2015484	.0004222	.9499014	.2169784	1.683588
Stddev	.012812	.05750	.0010453	.0002195	.0197045	.0007589	.030284
%RSD	.1700992	.1949140	.5186549	51.99175	2.074376	.3497490	1.798801

#1	7.517249	29.47535	.2007024	.0003526	.9430998	.2167854	1.650525
#2	7.537330	29.45606	.2027170	.0002459	.9344986	.2163346	1.690257
#3	7.541073	29.56388	.2012258	.0006681	.9721057	.2178151	1.709982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.80318	6.990301	-.388466	.0042689	1.415129	5.264192	.0144587
Stddev	.08684	.043343	.001719	.0002112	.004271	.014750	.0018859
%RSD	.4877608	.6200383	.4425874	4.946649	.3017979	.2801878	13.04319

#1	17.89548	6.947903	-.389579	.0044427	1.410275	5.247780	.0143957
#2	17.72311	6.988470	-.389334	.0043302	1.418313	5.276340	.0126051
#3	17.79096	7.034530	-.386486	.0040339	1.416798	5.268456	.0163753

Sample Name: I4236-06 Acquired: 7/20/2017 19:21:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET797 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6869350	.0798896	.2813477
Stddev	.0011040	.0009108	.0008272
%RSD	.1607157	1.140050	.2940016

#1	.6879906	.0809181	.2822877
#2	.6870262	.0791851	.2807314
#3	.6857882	.0795657	.2810239

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	947.5782	1801.702	41358.00	8545.686	2838.772
Stddev	1.7363	8.858	66.67	25.264	9.233
%RSD	.1832387	.4916398	.1612055	.2956332	.3252570

#1	945.5842	1807.430	41316.28	8517.765	2845.498
#2	948.3940	1806.178	41434.90	8566.966	2842.573
#3	948.7564	1791.500	41322.83	8552.326	2828.245

Sample Name: I4236-07 Acquired: 7/20/2017 19:25:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET798 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594999	-.020267	1.500951	-.002706	.0032937	67.59909	1.938472
Stddev	.0023930	.004983	.009128	.000745	.0010192	.86862	.022019
%RSD	4.021790	24.58705	.6081711	27.55010	30.94483	1.284964	1.135889

#1	.0567805	-.025902	1.502695	-.002075	.0026504	66.66816	1.914050
#2	.0612837	-.016443	1.491076	-.002513	.0027618	68.38787	1.956807
#3	.0604355	-.018455	1.509082	-.003528	.0044688	67.74125	1.944559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061893	.0514967	123.9306	.1396103	.0745041	.3848383	159.6038
Stddev	.0001608	.0001659	3.0949	.0006179	.0009384	.0028857	3.1226
%RSD	2.598567	.3222324	2.497248	.4425742	1.259572	.7498560	1.956497

#1	.0061252	.0515616	121.5171	.1395271	.0744127	.3816237	156.8747
#2	.0063722	.0513081	127.4197	.1390382	.0736148	.3872054	163.0092
#3	.0060703	.0516203	122.8548	.1402655	.0754849	.3856858	158.9275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.314031	55.87785	.1618668	.0019436	1.042469	.2001218	4.222488
Stddev	.138417	.79832	.0008006	.0002096	.079416	.0027905	.026282
%RSD	2.192215	1.428695	.4945866	10.78317	7.618062	1.394393	.6224210

#1	6.191348	55.07802	.1618272	.0017071	.985151	.1979417	4.213370
#2	6.464091	56.67466	.1610868	.0021065	1.009137	.2032666	4.252114
#3	6.286654	55.88087	.1626865	.0020172	1.133119	.1991571	4.201979

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88446	8.843546	-.355876	.0040818	4.718359	5.008000	.0218968
Stddev	.14182	.078041	.005078	.0002056	.027164	.018912	.0009982
%RSD	.9527948	.8824629	1.426838	5.037691	.5757147	.3776317	4.558651

#1	14.73620	8.830098	-.353413	.0040637	4.714867	4.986520	.0209347
#2	15.01881	8.773103	-.361715	.0038858	4.693109	5.015336	.0218281
#3	14.89838	8.927438	-.352498	.0042958	4.747100	5.022145	.0229276

Sample Name: I4236-07 Acquired: 7/20/2017 19:25:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET798 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9064687	.0729301	.2806593
Stddev	.0104849	.0004157	.0039237
%RSD	1.156672	.5700592	1.398042

#1	.8949596	.0725367	.2766990
#2	.9154773	.0733651	.2845454
#3	.9089690	.0728886	.2807334

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	882.3642	1703.539	39560.07	8070.471	2746.121
Stddev	3.5455	17.787	76.85	96.768	21.408
%RSD	.4018223	1.044129	.1942555	1.199039	.7795573

#1	880.6038	1695.514	39518.31	8160.140	2735.348
#2	886.4455	1723.925	39648.75	7967.899	2770.775
#3	880.0434	1691.178	39513.14	8083.374	2732.240

Sample Name: I4236-08 Acquired: 7/20/2017 19:29:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET799 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0702658	-.021774	1.519515	-.003875	.0039608	71.56332	2.145389
Stddev	.0066838	.000551	.010701	.002210	.0020312	.33568	.013166
%RSD	9.512120	2.529007	.7042150	57.03587	51.28254	.4690630	.6137031

#1	.0641753	-.021833	1.508100	-.002725	.0061419	71.38405	2.138921
#2	.0692059	-.021196	1.529319	-.002478	.0036174	71.35533	2.136708
#3	.0774162	-.022293	1.521126	-.006424	.0021232	71.95057	2.160539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068403	.0592786	117.9390	.1334116	.0778656	.3662450	162.0985
Stddev	.0001186	.0002979	.7055	.0012235	.0009392	.0022096	.5364
%RSD	1.733608	.5025540	.5981568	.9170647	1.206234	.6033073	.3309044

#1	.0067864	.0592287	117.1411	.1329481	.0777237	.3678933	161.5744
#2	.0067583	.0595983	118.1959	.1324875	.0788677	.3637343	162.0747
#3	.0069763	.0590088	118.4801	.1347991	.0770054	.3671075	162.6463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.111875	53.36027	.1784629	.0017074	.9338038	.1999002	4.788964
Stddev	.029902	.33133	.0009512	.0001487	.0699088	.0017407	.047968
%RSD	.4892520	.6209342	.5329955	8.710393	7.486450	.8707580	1.001631

#1	6.082385	53.35840	.1776411	.0017452	1.003584	.1991229	4.733928
#2	6.111067	53.02988	.1795049	.0018337	.863767	.2018940	4.811079
#3	6.142173	53.69253	.1782427	.0015435	.934061	.1986835	4.821885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.27215	8.574075	-.375769	.0022154	3.425832	6.398145	.0272916
Stddev	.02361	.042816	.002471	.0004664	.025493	.037096	.0004335
%RSD	.1654339	.4993711	.6576876	21.05283	.7441361	.5797947	1.588287

#1	14.29383	8.524664	-.377112	.0016771	3.396915	6.406238	.0276024
#2	14.24699	8.597311	-.372917	.0025008	3.445060	6.357670	.0274759
#3	14.27563	8.600249	-.377278	.0024682	3.435521	6.430526	.0267964

Sample Name: I4236-08 Acquired: 7/20/2017 19:29:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET799 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7505735	.0764746	.2964684
Stddev	.0030095	.0002180	.0013675
%RSD	.4009630	.2851141	.4612555

#1	.7538783	.0762250	.2958271
#2	.7479904	.0765704	.2955395
#3	.7498518	.0766283	.2980387

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	907.2816	1741.091	40246.89	8318.815	2748.627
Stddev	6.4367	16.157	163.01	8.669	21.534
%RSD	.7094500	.9279638	.4050362	.1042124	.7834296

#1	903.9915	1746.906	40138.14	8308.804	2756.908
#2	903.1549	1722.832	40168.22	8323.828	2724.182
#3	914.6983	1753.536	40434.32	8323.812	2764.791

Sample Name: I4236-09 Acquired: 7/20/2017 19:33:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618596	-.019643	1.425910	-.002839	.0034855	72.10654	1.840482
Stddev	.0025708	.001661	.035260	.002937	.0023586	.40052	.009383
%RSD	4.155827	8.456449	2.472819	103.4608	67.66940	.5554512	.5098375

#1	.0634703	-.018481	1.398954	-.001411	.0041278	72.55942	1.851307
#2	.0588948	-.021546	1.412963	-.006217	.0008723	71.96124	1.834664
#3	.0632137	-.018902	1.465813	-.000888	.0054564	71.79895	1.835474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072650	.0477670	196.8321	.1306128	.0758035	.3604355	154.8324
Stddev	.0001699	.0013437	.2856	.0004802	.0017095	.0039332	.1434
%RSD	2.339030	2.812956	.1450759	.3676410	2.255168	1.091227	.0926146

#1	.0073071	.0466924	196.5026	.1310468	.0749231	.3642184	154.9731
#2	.0074100	.0473349	197.0075	.1300969	.0747135	.3563676	154.6864
#3	.0070780	.0492735	196.9861	.1306947	.0777737	.3607205	154.8378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.224857	107.6452	.1831292	.0017629	1.289616	.1931666	4.740825
Stddev	.007799	.3290	.0048614	.0000541	.080259	.0014361	.063535
%RSD	.1252834	.3056722	2.654651	3.071302	6.223444	.7434336	1.340158

#1	6.221958	107.9793	.1799113	.0017715	1.366061	.1931434	4.791244
#2	6.233690	107.6347	.1807548	.0017049	1.296767	.1917422	4.761769
#3	6.218923	107.3215	.1887215	.0018122	1.206022	.1946141	4.669463

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40529	7.852719	-.350687	.0025258	6.087106	3.879883	.0237514
Stddev	.10159	.177076	.002159	.0002759	.133845	.035911	.0026835
%RSD	.6594609	2.254964	.6155247	10.92184	2.198834	.9255798	11.29844

#1	15.52253	7.737364	-.352401	.0027783	5.980357	3.842502	.0228540
#2	15.34998	7.764192	-.348263	.0025676	6.043692	3.883028	.0216316
#3	15.34335	8.056601	-.351398	.0022314	6.237269	3.914118	.0267687

Sample Name: I4236-09 Acquired: 7/20/2017 19:33:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6477820	.0798194	.3324110
Stddev	.0078455	.0005555	.0018310
%RSD	1.211129	.6959339	.5508175

#1	.6534216	.0804488	.3343589
#2	.6511019	.0796113	.3321490
#3	.6388223	.0793979	.3307251

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.9569	1683.013	39113.32	8164.531	2643.159
Stddev	12.3729	37.526	247.50	46.331	60.815
%RSD	1.404484	2.229719	.6327838	.5674702	2.300827

#1	870.0070	1697.300	38869.00	8121.329	2677.012
#2	878.4844	1711.297	39107.06	8158.805	2679.513
#3	894.3794	1640.441	39363.89	8213.459	2572.951

Sample Name: CCV008 Acquired: 7/20/2017 19:37:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.723037	4.662226	25.23835	4.542131	4.527193	F 341.1554
Stddev	.021410	.019866	.05030	.022416	.027049	.6647
%RSD	.4533158	.4260970	.1993066	.4935175	.5974680	.1948242

#1	4.721450	4.652499	25.23064	4.548615	4.515401	340.7563
#2	4.702464	4.649098	25.19234	4.517187	4.508042	341.9227
#3	4.745196	4.685080	25.29206	4.560589	4.558136	340.7873

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.210959	.5162304	2.733740	405.4443	16.33656	2.616476
Stddev	.062176	.0027052	.007317	2.4476	.03566	.007228
%RSD	.6750249	.5240321	.2676593	.6036869	.2182665	.2762509

#1	9.238302	.5164204	2.742024	403.6387	16.34539	2.614793
#2	9.254778	.5188356	2.728160	408.2301	16.36698	2.610237
#3	9.139797	.5134352	2.731035	404.4642	16.29732	2.624397

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85243	381.2844	14.86928	383.9849	2.505882	F 1.441119
Stddev	.03921	2.4487	.09007	1.6918	.003536	.002442
%RSD	.2639962	.6422202	.6057428	.4405861	.1411158	.1694345

#1	14.89762	379.3473	14.81064	382.5359	2.508138	1.438364
#2	14.82737	384.0367	14.97299	385.8440	2.501807	1.443014
#3	14.83231	380.4693	14.82421	383.5747	2.507702	1.441981

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 345.7262	2.366370	14.39081	F 126.3355	4.856298	F 4.232699
Stddev	.7021	.014767	.05849	.2502	.028309	.017155
%RSD	.2030700	.6240318	.4064191	.1980105	.5829237	.4053058

#1	345.0749	2.353451	14.32456	126.4235	4.838699	4.229689
#2	346.4699	2.382467	14.41258	126.5298	4.841243	4.251161
#3	345.6338	2.363193	14.43529	126.0533	4.888953	4.217248

Sample Name: CCV008 Acquired: 7/20/2017 19:37:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.763308	5.244357	4.825536	5.183622	4.572212	4.775574
Stddev	.024240	.033117	.020637	.014776	.012998	.019959
%RSD	.5088848	.6314697	.4276675	.2850605	.2842799	.4179423

#1	4.757957	5.279576	4.828203	5.189758	4.567802	4.798479
#2	4.742191	5.213847	4.844710	5.166766	4.586841	4.761909
#3	4.789777	5.239649	4.803695	5.194342	4.561993	4.766335

Elem	Sr4077
Units	ppm
Avg	5.130209
Stddev	.018079
%RSD	.3523954

#1	5.139601
#2	5.141659
#3	5.109367

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	757.7032	1486.817	33405.28	7179.554	2323.602
Stddev	4.2458	12.632	54.26	27.391	13.965
%RSD	.5603560	.8496166	.1624191	.3815184	.6010132

#1	759.6939	1490.586	33435.44	7181.562	2329.109
#2	760.5879	1497.136	33437.75	7151.214	2333.973
#3	752.8278	1472.729	33342.64	7205.886	2307.723

Sample Name: CCB008 Acquired: 7/20/2017 19:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014911	-.001099	.0006616	.0020684	-.000743	.0127033	-.001202
Stddev	.0030612	.000545	.0018251	.0016617	.001269	.0022744	.000130
%RSD	205.2955	49.61446	275.8673	80.33680	170.7237	17.90422	10.79909

#1	-.001723	-.001594	-.001290	.0035794	-.002075	.0150088	-.001321
#2	.004372	-.000515	.000949	.0002888	-.000606	.0104613	-.001064
#3	.001824	-.001188	.002326	.0023369	.000452	.0126399	-.001222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000073	-.000168	.0027836	.0007242	-.000236	.0009683	.0039585
Stddev	.0000421	.000138	.0085497	.0002221	.000137	.0009699	.0075782
%RSD	574.9549	82.11702	307.1494	30.67261	58.18556	100.1583	191.4410

#1	-.000040	-.000014	-.000135	.0006293	-.000316	.0020128	.0092391
#2	.000024	-.000211	.012410	.0005653	-.000077	.0007960	.0073611
#3	.000039	-.000279	-.003925	.0009780	-.000313	.0000962	-.004725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006938	.0348723	.0000047	.0001854	-.041662	-.000240	-.008705
Stddev	.0004218	.0274817	.0001313	.0001128	.030966	.003061	.013051
%RSD	60.79749	78.80678	2791.339	60.81542	74.32629	1274.583	149.9237

#1	.0007412	.0134246	.0001559	.0001591	-.020728	.000272	-.023583
#2	.0010898	.0658505	-.000081	.0000882	-.027025	-.003525	-.003341
#3	.0002503	.0253417	-.000061	.0003090	-.077234	.002532	.000809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.405989	-.002260	-.006718	.0008478	-.002131	-.005304	.0008455
Stddev	.012981	.002522	.000449	.0004542	.000918	.000442	.0017164
%RSD	3.197291	111.5903	6.680487	53.57940	43.06854	8.323321	202.9977

#1	-.420575	-.001036	-.006281	.0013715	-.001424	-.005384	-.001136
#2	-.395707	-.005161	-.006696	.0005608	-.001801	-.004829	.001836
#3	-.401686	-.000584	-.007178	.0006111	-.003168	-.005701	.001837

Sample Name: CCB008 Acquired: 7/20/2017 19:41:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v76) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB008 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0033579	-.002099	.0000989
Stddev	.0004318	.000320	.0000422
%RSD	12.85823	15.22105	42.63045

#1	.0030236	-.001731	.0001475
#2	.0038453	-.002278	.0000717
#3	.0032047	-.002289	.0000775

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.9421	1780.164	40969.60	8176.462	3128.306
Stddev	10.2471	13.775	154.93	26.766	24.004
%RSD	1.073065	.7737913	.3781590	.3273513	.7673311

#1	943.2190	1792.157	40799.08	8160.102	3148.058
#2	959.4142	1765.119	41007.98	8161.933	3101.589
#3	962.1930	1783.216	41101.73	8207.350	3135.270